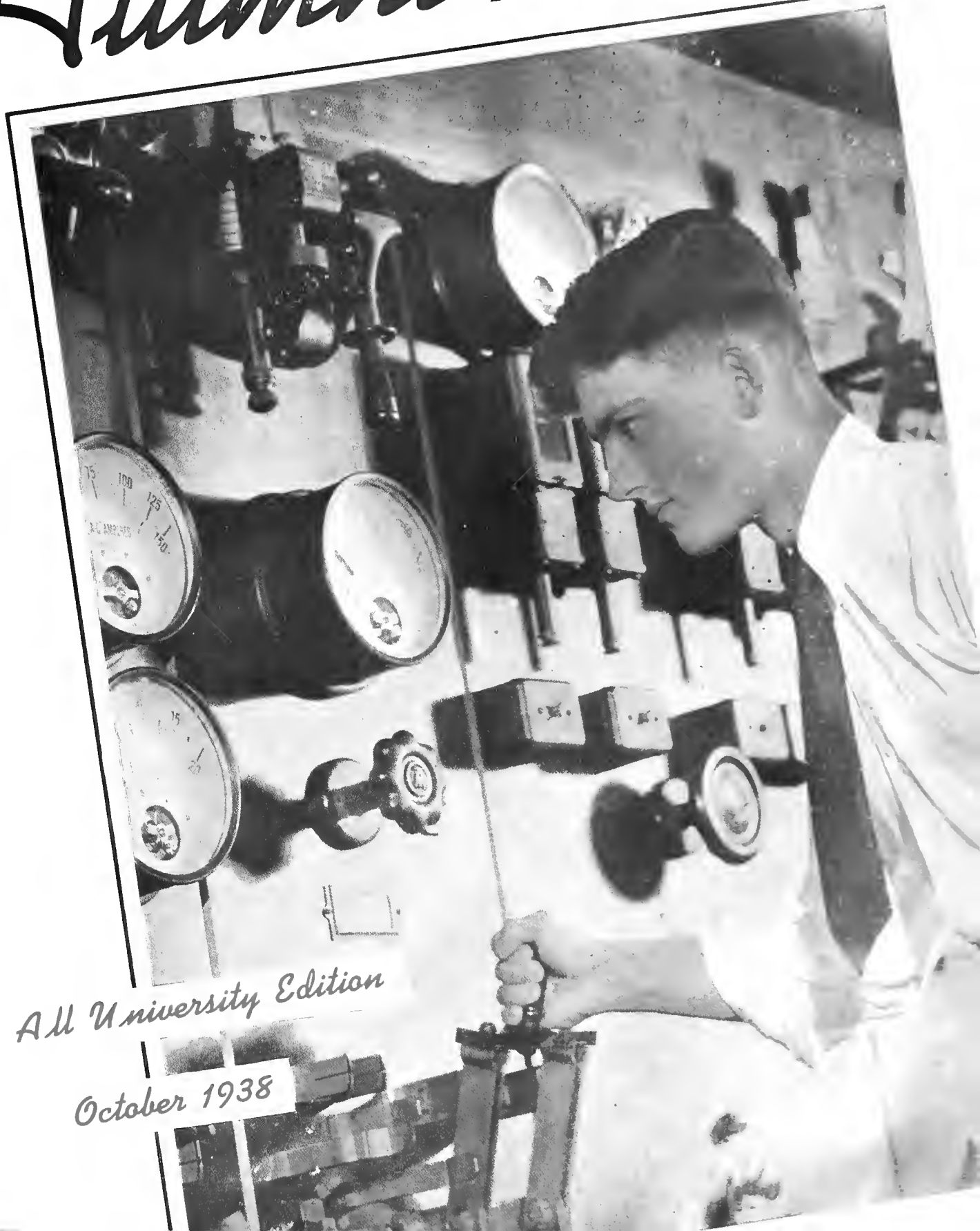


THE LEHIGH *Alumni Bulletin*



All University Edition

October 1938

*A new smoking pleasure
for millions*



Up-to-the-minute...
mild ripe tobaccos and
pure cigarette paper ...
the best ingredients a
cigarette can have ...

*that's why more and more smokers are turning to
Chesterfield's refreshing mildness and better taste*

They Satisfy ..millions

Wholly American



A LETTER from Bob Herrick suggests that I write an editorial for this issue of the BULLETIN, which is sort of a "kick-off" for the college year now commencing. Subject matter he leaves to my discretion, with the expressed thought that I have a lot of constructive ideas concerning alumni work.

As is often the case, the constructive ideas do not seem so numerous or so hot right now when I start out cold to dictate the allotted six hundred words. There is such a thing as timing in most of the jobs we perform, and the moment is not ripe for dealing with certain problems that appear to be of primary importance. I am not yet well enough informed.

Furthermore, I do not want to join the ranks of those presumptuous individuals who regard their own beliefs and conclusions as final, completely overlooking the fact that the chief responsibility of an elected official is to represent those who put him into office and carry out their wishes. We have before us in this country today a glaring example of what happens when great power is placed in the hands of advisers who are appointed, not elected.

Perhaps in this preliminary discussion I may best serve by dealing with ideals rather than concrete proposals. Most of the Lehigh men I ever met are true Americans. They have great respect for our established principles and are proud of our nation's traditions. They are mostly hard-headed because they are builders and producers of life's essentials. They are second to none in what we call the progressive spirit, because they believe

in research and are continually devoting their efforts to substituting better methods, materials and machines for those we already have.

While Lehigh men are continually engaged in experimentation of one kind or another for the purpose of creating betterments, they have been educated to understand the operation of natural laws and the complexities of human nature. They are mathematical minded and never sneer at the inviolability of proven formulas. It's a hard job to convince them you can disregard fundamentals and get away with it, or build utopias overnight.

What I am driving at is this plain truth. Lehigh graduates are proud of their college not merely for the work it has done and is doing, but also for the reason that it stands in the forefront of wholly American educational institutions. We of the Alumni are not political-minded in the way of being strongly partisan. Most of us do not care a rap whether a fellow is a Democrat or a Republican. But we do want him to be an American and not a foreign-minded crackpot seeking to spread crazy "isms" throughout the land, and trying to fool the people into believing that a progressive today is the follower of a philosophy that, if adopted, would carry us back to the Elizabethan Age.

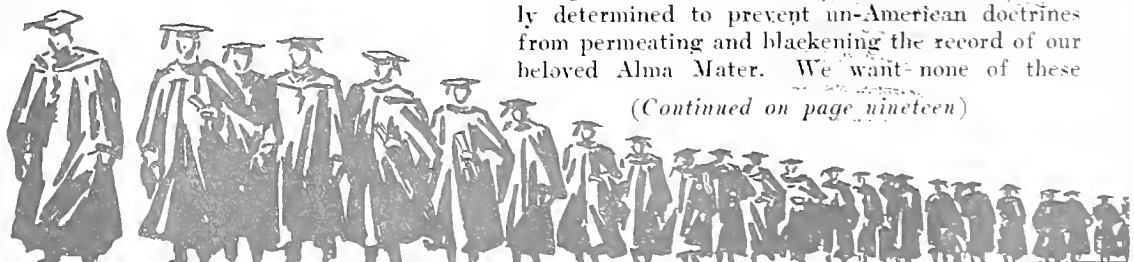
All of us know what is now going on in the educational life of our people. We know that the nation's schools and colleges are filled with teachers who are actively engaged in spreading radical doctrines inimical to our system of government. Because of the nature of my work and associations, I am in position to know a great deal about these insidious activities. Here before me are dozens of publications gotten out not only by Communist groups among the students in a number of our big universities, but also by faculty members.

I know I am sensing correctly the spirit of the Lehigh Alumni when I say that our body is strongly determined to prevent un-American doctrines from permeating and blackening the record of our beloved Alma Mater. We want none of these

(Continued on page nineteen)

By FLOYD W. PARSONS, '02

President, the Lehigh Alumni Association



PICKWICK LANDING DAM, TENNESSEE RIVER



For this T. V. A. Project, Dravo fabricated and assembled 23 complete gates, 23 lower section, 22 upper section and three trash barge (center foreground) unloading the gates at the dam site.



The completed dam in operation. Dravo has built the gates for Pickwick and Guntersville Dams, and has Chickamauga gates under construction.

Our Alumni

- S. P. FELIX, '03
 J. D. BERG, '05
 E. T. GOTT, '06
 A. S. OSBOURNE, '09
 L. C. ZOLLINGER, '09
 V. B. EDWARDS, '12
 GEO. F. WOLFE, '14
 W. P. BERG, '17
 E. H. ZOLLINGER, '18
 F. J. LLOYD, JR., '23
 B. E. RHODS, '23
 J. A. BISSINGER, JR., '26
 W. W. ARMSTRONG, '27
 R. W. MARVIN, '27
 PAUL G. STROHL, '27
 G. W. FEARNside, JR., '28
 STANLEY B. ADAMS, '29
 C. W. GRANACHER, '29
 E. V. TWIGGAR, '31
 J. K. BEIDLER, '34
 W. A. ROBINSON, '34
 H. E. LORE, '35
 L. P. STRUBLE, JR., '35
 R. PARSONS, '38

DRAVO CORPORATION

GENERAL OFFICES:

DRAVO BUILDING, PITTSBURGH, PA.

Cleveland, Ohio

Philadelphia, Pa.

On the Cover

Down in the basement floor of the mammoth Packard Laboratory of Electrical and Mechanical Engineering at Lehigh is a switchboard.

This switchboard always appealed to us somehow because through its banks of rheostats, meters and controls comes the electric power for the entire building. In the expanses of laboratories on floors above it sets motors humming and charges condenser coils that send bolts of artificial lightning on their experimental missions.

But the main thing about this switchboard as shown on our cover is not its size, though probably it is the largest of its kind in a collegiate laboratory, but the fact that a student is operating the controls.

For throughout the entire laboratory the fine equipment is not carefully reserved for the use of graduate students and instructors, but is turned over for actual experimental work for the students themselves. When there are motors to connect, they do it. When wiring diagrams have been completed for practical test and switches are thrown it is the students who throw them. They are not observers only of the machines whose performance is later to become their livelihood but actual workers on the job.

The entire Packard Laboratory was dedicated in 1930 after staff members of Lehigh University had inspected all major laboratories of the country. Only the best features of these laboratories were incorporated and then many more which were the idea of Lehigh engin-

ers alone. With \$1,200,000 at their disposal these engineers were able to construct a building for the future, a laboratory which remains pre-eminent in its field. James Ward Packard, '84, donated the funds to the University for the construction of this building, after a Lehigh training had aided him, by his own statement, in founding the vast Packard Motor Car Company of Detroit, Michigan, and the Packard Electric Company of Warren, Ohio.

The building itself is five stories in height, 220 feet long and 180 feet wide, divided equally between the depart-



The Lehigh Alumni Bulletin

Official publication of
The Lehigh Alumni Association

President, Floyd W. Parsons, '02; Vice-Presidents, R. G. Johnson, '04 and J. J. Shipherd, '21; Treasurer, R. S. Taylor, '95; Executive Secretary, Wm. A. Cornelius, '89.

ALUMNI TRUSTEES

Alexander Potter, '90; Robert Farnham, '99; Morton Sultz, '12; Frank B. Bell, '97; Daniel Berg, '05; and Andrew E. Buchanan, Jr., '18.

BULLETIN COMMITTEE: A. W. Hicks, Jr., '23, Chairman, *Cosmopolitan*; G. F. Nordenholt, '14, *Product Engineering*; M. A. DeWolfe Howe, '86, *Atlantic Monthly*, retired; E. G. Hoar, '35, *Conde Nast Publications*; J. I. Kirkpatrick, '29.

Published monthly, October to June, inclusive, by the Alumni Association of Lehigh University, Inc., Alumni Memorial Building, Bethlehem, Pa. Printed by the Lehigh Printing Corporation, Bethlehem, Pa. Entered as second-class matter at Bethlehem, Pa. Post Office. Subscription price, \$3.00 per year. National advertising representatives The Graduate Group, Inc., New York, Chicago, Detroit, San Francisco, Los Angeles and Boston.

VOL. XXVI—NUMBER 1 OCTOBER, 1938

John Lloyd & Sons

SALES ENGINEERS

BENNETT BUILDING, WILKES-BARRE, PA.

F
O
R

THE TRANE COMPANY

Heating, Cooling and Air Conditioning Equipment

THE MINING SAFETY DEVICE COMPANY

Solar Automatic Cages, Car Dumps, Cages and Mine Car Handling Equipment

PENNSYLVANIA PUMP & COMPRESSOR CO.

Centrifugal Pumps, Air Compressors, Vacuum Pumps

THERMOID RUBBER COMPANY

Belting, Packing, Hose, Brake Lining

K. W. BATTERY CO., Inc.

Heavy Duty Locomotive Storage Batteries

Serving the Mining & Industrial Territory of Northeastern Pennsylvania Since 1920

John Lloyd

John A. Lloyd, '33 Ellert S. Lloyd, '34

NEW KIND OF TIRE



WILL STOP YOU QUICKER, SAFER ON WET ROADS THAN YOU'VE EVER STOPPED BEFORE

In every wet road emergency you need a tire that will turn the road under your car into a DRY track. And now, thanks to the new Goodrich Safety Silvertown with Life-Saver Tread, you can have a ROAD-DRYING tire that gives you the quickest wet-road stops you've ever seen! Golden Ply Blow-out protection, too. Both at no extra cost! See this new kind of tire today.



The new **Goodrich SAFETY Silvertown**
LIFE-SAVER TREAD... GOLDEN PLY BLOW-OUT PROTECTION

ments of electrical and mechanical engineering. The main dynamo laboratory alone contains over a hundred generators and motors while the high tension laboratory is equipped with a 150 kv. and a 60 kv. testing transformer, a 700 kv. oscillation transformer and sources of high d. c. voltage up to a hundred kv. The transients laboratory is provided with six magnetic oscillographs, two cathode-ray oscillographs, two artificial transmission lines, a surge generator, and a photographic dark room. A five-unit harmonic phase-shifting motor-generator set supplies voltages of various frequencies and wave forms for special tests. The communications laboratory has an extensive equipment of high-frequency measuring apparatus, vacuum-tube circuits, speech amplifiers, and a 40/80 meter transmitter. (C. W. or phone) used by the Radio Club. The wiring system provides for quick communication and inter-connection between any two parts of the building.

The student shown on the cover is Russell Kowalshyn, '41.

Portrait of an

I AM an engineer, not an artist; therefore, I am not supposed to draw portraits. The composite picture of the Lehigh engineer comes to my mind so sharply outlined, however, as I have seen him in my studies of the results of Lehigh education, that I shall show you how he looks to me, artist or no artist.

The purpose that we all have is to correct the education of the sons after studying the results obtained with the fathers. As you all know, when Lehigh engineers meet, the conversation soon turns reminiscent and eventually touches engineering education. These graduates have tested the value of their college training in the hurly-burly of the outside world and respectful attention is due their opinions.

Constitute Two Groups

Strangely enough, these opinions fall into two opposite groups. One group wants new technical subjects added to the curriculum. The other wants greater breadth of general education. A man in the first group will express a deep-seated conviction that engineers should have more intensive study in physical chemistry, a more thorough training in mathematics, a course in refractories, a series of courses in petroleum engineering or in electric welding. Each

alumnus of this group has found his own specialized knowledge a valuable asset in his advancement. He may be in charge of the refractories department for a steel company, he may be a research worker whose life is devoted to a special field of science. In most instances, he will be a relatively young man. Usually he is quite emphatic in his statements.

Graduates in the second group express an equally deep-seated but completely contrary conviction, likewise tested by their own worldly experiences. They maintain that engineering education is too narrow; that engineers must be men of affairs, able to handle broad responsibilities and to make sound judgments not only in technical questions but in many non-technical fields. These graduates advocate that more of the engineering students' time should be given to general education, to a mastery of English, to economics, to literature, history and psychology. They have found that men with a broad foundation have a better chance in the grim competition of life than have men of narrow training.

The graduate of this second group may be an assistant general manager or an assistant to the president of a technical corporation. Or he may be

the chairman of the board or the chief executive officer of an engineering concern. He is likely to be one of the older graduates but rather often he, too, is a young man.

Which advice should the engineering schools follow? For it is certain that with the recent tremendous increases in scientific and technical knowledge both programs cannot be compressed into four years, not even by the most persistent cramming. And we are far from sure that cramming at college has much value as a preparation for life. Which advice should the college adopt?

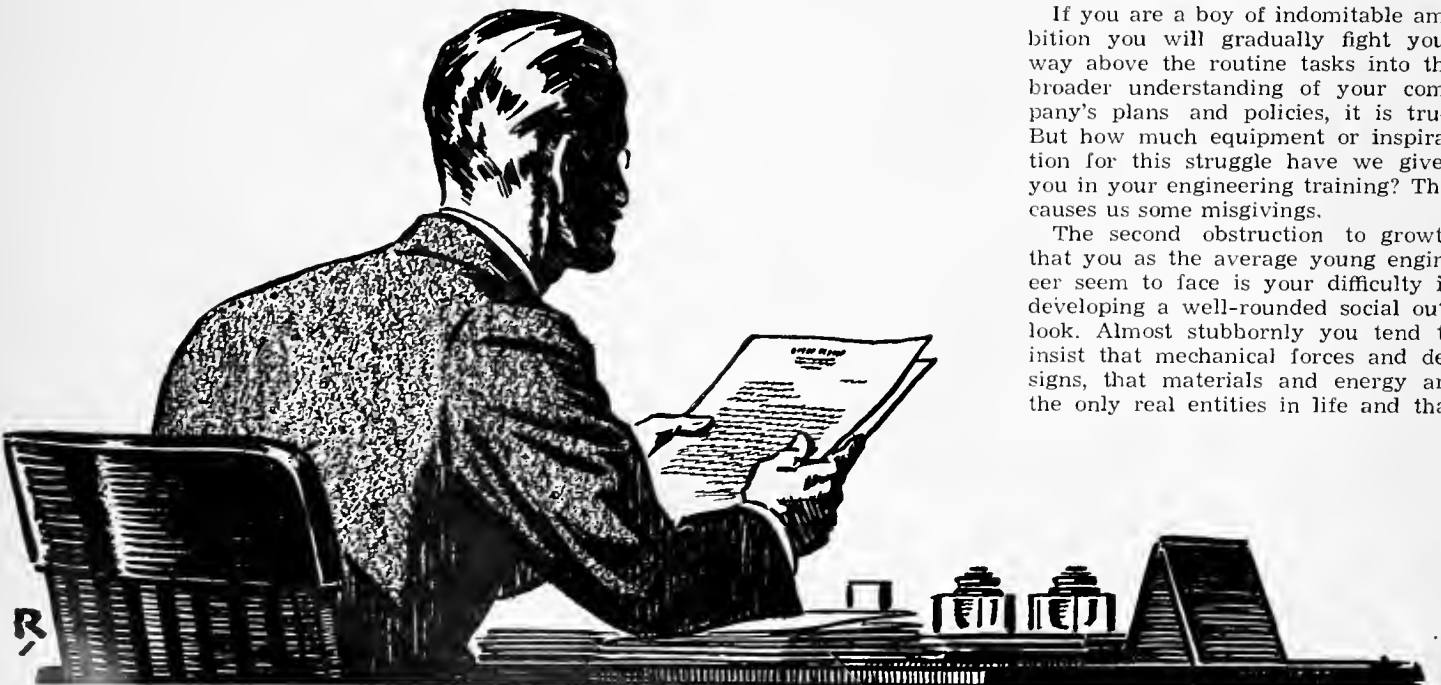
Before we make this decision let us look in on you engineering graduates at two different stages in your careers and see what the picture shows.

If we watch you as a young engineering graduate in your first job we notice that you concentrate attention primarily on the material aspects of the job assigned to you, and shut out of your consideration more or less completely any concern with the larger motives and plans which lie behind your assignment. The technical courses which you took for four years taught you this habit and it tends strongly to persist. Will this habit help you to grow out of your routine jobs into a larger opportunity or will it hinder you? Sometimes we wonder.

How Much Equipment?

If you are a boy of indomitable ambition you will gradually fight your way above the routine tasks into the broader understanding of your company's plans and policies, it is true. But how much equipment or inspiration for this struggle have we given you in your engineering training? This causes us some misgivings.

The second obstruction to growth that you as the average young engineer seem to face is your difficulty in developing a well-rounded social outlook. Almost stubbornly you tend to insist that mechanical forces and designs, that materials and energy are the only real entities in life and that





any considerations beyond those are mere twaddle. This has, we fear, been the general attitude of the engineering campus on which you spent four of the most impressionable years of your life. Can we expect you to act otherwise at least for a few years after graduation? But how much of the conduct of affairs which concern you intimately can you explain in these simple engineering terms?

With such a narrow viewpoint, you may find it difficult to stay right side up in our turbulent and complex civilization. This rather narrow background, it seems to some of us, may hinder you substantially also in developing a happy and congenial intercourse with non-engineers. It seems in this way somewhat to stunt your growth and to hamper friendships with men of a more widely developed viewpoint, especially older men and men of influence.

Must Direct Activities

This situation has not remained unrecognized by the large-scale employers of engineers. Reports have come to us that two of the largest and most progressive manufacturing companies in the country find that the engineering graduate does not adapt himself well to the other men in their organizations or to the company's policies. They have decided that he must be housed with selected non-technical employees who will help him to develop a broader perspective; he must be sent to the proper lectures. At school he has done everything at the ring of a bell and in accordance with a rigidly

Too many men today take education for granted. Not Dr. Doan. This frank article strikes at the basic problem of engineering studies --- practicality.

prescribed curriculum. Now he is ineffective if left to his own devices. Some graduate engineers do not show to advantage at a business conference or a business luncheon. They can't "sell themselves" in an interview.

Perhaps I have said enough or more than enough about the experiences of the young engineering graduate. You will agree, of course, that many of the shortcomings listed above are due to deficient home background but perhaps some of them are due to deficient college background, and both these deficiencies seem to put the engineer under a serious handicap during the early years of his career. Some of us think something could be done about the college part of it—something to develop whatever breadth of understanding and versatility of interest you may possess.

Now for my picture of you as one of the Lehigh engineers who has become an assured success.

When the push and hustle have led

you finally into a position of some freedom from petty detail and small jobs, when you pause in your progress to contemplate what you have built and to ask speculatively, "What does it all mean?" what is your conclusion? In my observation it is simply this: You are glad to have been able to provide well for your family and proud to live with some evidence of success.

Rejoice in Team Spirit

The men at the head of your company are men of power and position. You rejoice in your association with them and in the team-spirit which prevails at the plant. You see things being done better and cheaper and perhaps on a larger scale than when you came there. You conclude that after all this is as much as anyone can expect of life.

Gradually you have groped your way toward a solution of life's larger problems. Usually your convictions are reached with one fundamental viewpoint uppermost and that is, of course, your company's welfare. Your company holds the best years of your life, its interests must be considered first in every piece of legislation, local or national—even your family must be moved hither and yon or neglected for months in order that your chief monument, your contribution to the growth of your company or to your department of it shall stand.

Your solutions of the larger social problems of life have been worked out after talking things over with your colleagues at the plant, reading the daily newspaper and listening to the radio. You are proud of your independence

BY DR.

Gilbert E. Doan

*Professor of Physical
Metallurgy*

of thought. These solutions are not made in the broad and mellowed light that has come shining down on man's problems through the ages from statesmen and philosophers. The engineer's education provides no such cultural foundation. The high schools should but they do not. Your solutions have not been reached even in the light of a thorough-going and unbiased knowledge of present-day social conditions, for the average professional man is sure he cannot afford the time to read in these fields. Do you think Lehigh has trained these men for effective citizenship in a democracy? Can the fundamental questions of American civilization be left to office-seeking professional politicians?

Thus have the typical American business and professional successes been built. Thus has the national outlook of the most powerful group in America come to be what it is. Thus has the figure of Babbitt become, in the eyes of the world at large, the symbolic figure of American life, whether it is a true figure or not, and the colleges and universities are, I fear, not without guilt. Of course I realize that there are exceptional alumni who do not fit into this picture. I realize also that you look with much greater pity upon the college professor than he does upon you. But you see there really are two different viewpoints involved, aren't there?

Lists Engineers' Reply

When you ask the opinion of some of Lehigh's leading engineers on this broad question of what preparation for life Lehigh ought to give its students, you usually get replies like the following:

A. R. Glancy, '03, at the dedication of the Packard Laboratory some years ago was asked to report on this general question under the title, "What Does Industry Expect of the Engineering Schools?" To find out what the top executives of General Motors thought about it, Mr. Glancy made a careful canvass. His report says, "To a man, the motor executives did not see the need of a boy's specializing, not even in gasoline engine design—not because his designs would be obsolete by the time he graduates but because our greater need is for a complete grounding in the fundamentals."

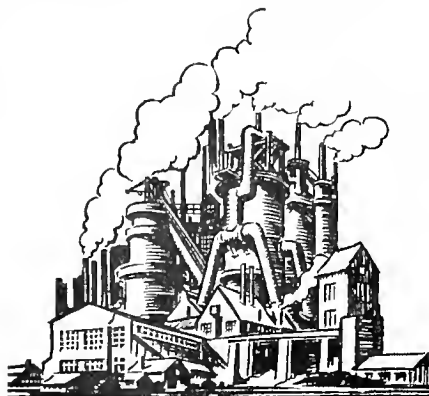
F. A. Merrick, '91, president of the Westinghouse Company, on the same occasion said, "The most frequently heard criticism of the technical man is that he is lacking in human understanding and in acquaintance with the world of affairs."

After lecturing to the Lehigh engineers recently, Mr. W. H. Carrier, chairman of the board of the air-conditioning company of that name, answered a Lehigh student's inquiry by saying, "What you need to get at college, and what will be of the greatest future benefit to you, is a broad engineering knowledge—not a specialized one . . ."

Mr. Sloan, chairman of the board of

the Missouri, Kansas and Texas Railroad, also spoke at the Packard Laboratory dedication and in an even more emphatic way. He said, "Many technical graduates are the victims of an over-intensified technical training which drove out of them or failed to develop in them other elements essential to a proper use of technical education, essential to continued and progressive usefulness in an organization where technical men are only a part of the whole. Industry wants men with a background and education broad enough so that technical training assumes its proper place but does not become the whole." Mr. Sloan was at that time president of the Brooklyn Edison Company.

When you ask the more successful alumni of our engineering colleges (assuring them first if you are a professor that you are still able to look objectively at the importance of your own specialty) it seems easy to find their true opinion. They will tell you that after they have had one or two promotions they find three-quarters of their problems and responsibilities are



general, that is, non-technical. If this is true, should a boy spend a large part of his four years at college preparing for the first five years in his profession? Or should a college education be expected rather to provide a foundation that will last a lifetime? Even in research and design, the chances are that the so-called applied science courses are of relatively little use as compared with the fundamental courses in physics and chemistry. We must not forget, either, that according to President Compton of Massachusetts Institute of Technology, less than fifty percent of engineering graduates follow the special field of engineering which they chose at college.

Actually, what are engineering students taught at college? The monumental study of engineering education in the United States completed in 1929 by the Society for the Promotion of Engineering Education, showed that in the respective engineering institutions of the country, 55 to 60% of the students' time was spent on technology, 30 to 35% on fundamental science and 13% on humanistic or general education matter. There has been little change in these schools up to the present time. If three-fourths of an engineer's opportunities and responsibil-

ities by which he holds his job and advances in it are non-technical after his first or second promotions, is this the best preparation we can give him for success in his job? Or should Lehigh try to get the man ready for his first job only, and leave the rest to circumstance? The latter program sounds to me rather like vocational training.

All of this discussion is directed not against specialization in engineering but against **premature** specialization—specialization before the man knows in what sub-division of a field his real job will be. It questions the value of premature specialization in contrast with the value of a sounder and broader foundation in education than is now provided. We engineers do sometimes wonder what point there is in developing highly efficient mechanisms and processes for the benefit of humanity only to have them run at 50% efficiency as they have been for the last nine years. We sometimes suspect that we as engineers must train our own leaders so that our technical civilization shall be preserved and expanded; not ruined by some well-meaning but technically ignorant lawyers and economists. This need for leaders seems to demand that we give a broader training to the natural leaders now studying engineering, and at the same time so shape our curricula as to attract more of this versatile and broadly interested type of boy to our ranks.

Attitudes May Change

The Lehigh faculty has these matters under consideration at the present time. It realizes, however, that many boys are so completely in love with engineering that they don't want to study anything else. It knows that well-meaning but misguided parents in many cases actually prefer purely vocational training for their sons, undiluted by general education. It knows that boys who are not interested in a broader education are not likely to profit much if compelled to take it. But at the same time, many of us believe that if the boys are told authoritatively that the general studies are highly important to success in a specialized career, their attitudes probably will change.

As you all know, Lehigh is the only predominantly engineering institution which has always had a strong college of arts and a strong college of business administration on its own campus. We are aware that no education can make a great leader out of the average boy nor can it prevent a born leader from achieving his natural destiny. But we do want to give the best education we can to the boys of both types for the good of the boys, the glory of Lehigh and the still higher elevation of the engineering profession. And somehow or other, we suspect that an education is just about as valuable today as it was in Abraham Lincoln's time and that it is a mistake to barter it away for premature specialization.

If the decision affected your son's education, what would **you** say? Do your pictures look likewise?

His first week at Lehigh completed, a Freshman writes home to bring his alumnus Father "up-to-date" on the campus activities of 1938.



Dear Dad.

Dear Dad:

I think you sent me to the wrong University.

Since you're an alumnus of Lehigh, I think it would have been a good idea if you were starting back to college instead of sending me. The only thing you had straight about the place was the spirit, but you certainly had that right.

In the first place that stuff about needing brass knuckles the first week is all wet. As a matter of fact the first week has just ended and I have had the best time of my life. They've got 29 fraternities here on the campus and I had quite a few of them "rush" me. This rush business is not like you told me about having the Sophomores kick you down the hill. Instead, we go around to the fraternity houses and have lunch or dinner there and they really show you a swell time.

"Paint Was Hardly Dry"

Like you told me though, I got a room in the dormitory. But say, you had me all mixed up. Way up on the side of the mountain they have a brand new dormitory and I was lucky enough to get a room in it. It's located right above the place you told me to stay away from—the brewery—only I find out that the brewery has been converted into a dormitory for many years, and I don't think you need worry about it being too near to us. There are 140 of us living there and the paint was hardly dry when we moved in. I am enclosing two pictures which show you what it's like. The first one shows a room just like mine across the hall. I thought things were swell in prep school but I am anxious for you to come up and see how we live here. The furniture is all new,



the beds are comfortable and there is plenty of fresh air and sunshine. The gang are already getting together to organize into seven groups, one for the first floor and two for each of the other floors. We will elect officers and have a section chief and everything.

The second picture shows you probably the only building you'll recognize on the campus as I see it out of my front window. That's Packer Hall.

Maybe in your day you had your meals at the Commons but you'd wait a long time for them there now. It's been turned into an Armory and we get our meals down in Drown Hall where they have a cafeteria in the basement.

Let me tell you more about this first week. First you told me there would be almost 200 Freshmen and that the student body would probably number 600. Well, I think, Dad, that there must have been a few changes between 1912 and 1938, for there are

(Continued on page sixteen)





BOB ADAMS



E. K. SMILEY

The Old Order Does Some

THE year 1923 found Lehigh University getting over the effects of one war only to find another one on its hands.

Strictly intramural was the second conflict with a good section of the student body arrayed in one camp and a man named Max McConnell constituting the other. The battle lasted for several years and was, according to impartial spectators, a dandy.

Lehigh was only 58 years old but they had been years of rapid growth and a few strings were hanging out here and there that needed attention. It was an engineering college . . . engineers were tough . . . O. K. they'd start while they were students. Nowhere was hazing, class fighting and general hell-raising brought to a more dubious finesse.

So the Board of Trustees invited the assistant to the President of the University of Illinois, Max McConnell, to become to the first dean of Lehigh, vested with acting powers in student matters.

After ironing out a complex registration system here, the new man turned his talents to the student problem and the collective howl that was raised set a new high. The new dean even wanted them to stop hazing the freshmen . . . "what fun would there be in the fall if there weren't freshmen to kick around?" The dean was burned in effigy but hazing came to an end. Later the chapel rush, featured by a running battle between Sophomores and Freshmen who weren't too sure what it was all about, came to an end. McConnell was behind that too.

It wasn't too many years, however, until entirely new classes had entered the University. They had never known the rough and tumble past and the word began to get around that "this guy McConnell is a pretty good egg." A little more investigation proved to the satisfaction of all concerned that he was just that.

But it was not only the social problems that he at-

tacked. A strong champion of administrative efficiency, he clamped scholastic restrictions on the students through the probation system, both for individual students and for fraternities. Penalties for failure to attend class and warnings at mid-semester of low grades, were other innovations . . . everything in brief to continue his unpopularity among the students. But they were quick to realize first that this man had a job to do and was doing it right and secondly that he would give all the breaks that could be given. As the years passed between 1923 and 1938 he became one of the strongest cogs between the wheels of student life, faculty instruction and academic administration. In the latter years students went to McConnell first rather than be called before him ultimately. The results proved the merit of the idea.

But in the early summer of this year, New York University, looking for a man to undertake the duties as the dean of their Washington Square College, singled out McConnell for an immediate invitation. His books, many covering the technical details of his particular field and others of a more popular vein such as "College or Kindergarten" and later "Planning for College" had brought prestige to Lehigh and to his own name. His talks at learned societies had made an equally deep impression. New York University was convinced and again, after fifteen years, Charles Maxwell McConnell, now beloved by the student body, departed for new fields regretfully, as he viewed his years on South Mountain.

Meanwhile when the McConnell-student ruckus was at its height, Wray H. Congdon, who in 1914 had received his A. B. degree from Syracuse, was superintendent of education for three eastern districts of North China and later became principal of the Hui Wen Academy in Shanghai, alternating between that position and various posts on the University of Michigan Faculty until from



SHORT



WRAY H. CONGDON



C. MAX MCCONN

Changing on South Mountain

1929 to 1934 he had become assistant director of the Bureau of Cooperation with Educational Institutions and the Association of Professors of Education. An authority on adult education and educational sociology on which he had written, he was asked to come to Lehigh to take over the growing student admissions work which had gotten its start here under A. E. Buchanan's guidance in the alumni office. From 1934 to 1938 he held that post.

So, faced with the departure of McConn, the University looked for a good man to fill the position. The search was not difficult for in Congdon they had a man who seemed to fit the particular ticket. With the beginning of the fall term, therefore, students found a change of personality in the Dean's office. Gone was the booming, sonorous voice and vibrant personality of McConn. In his chair, not at all appalled by the new responsibilities, sat Wray Congdon, quiet, reserved but equally forceful, supported by an almost unbelievable background in the educational field. A staunch Rotarian and Mason, he has been married since 1918 and has two daughters, June and Ednagene. He is a member of Phi Delta Kappa, The American Sociological Society and the American Association for the Advancement of Science as well as the National Educational Association.

On down the line, the shift of positions affected one E. Kenneth Smiley, whose background in Lehigh lore had been considerable. After attending Dartmouth, Smiley had transferred to Bowdoin where in 1921 he got his A. B. Degree, and came immediately to Bethlehem where he was employed in the Old Bethlehem Preparatory School until 1923. In the latter year he came to Lehigh as an instructor in English but in 1924 was promoted to the post of assistant dean and registrar. He then transferred to the University of North Dakota where he was dean of men and later became

dean of the Junior Division of the University. In 1934 he was recalled to Lehigh to assist Dr. Congdon in the new admissions work and in four years had built up an enviable reputation as an extraordinary contact man for prospective students and a welcome speaker at alumni banquets. Smiley was born in Caribou, Maine, has been married since 1931 and is the father of one child, Maureen. He is a member of Beta Theta Pi Fraternity. Having worked hand in glove with his immediate superior, it was no problem at all for Smiley to step into the office of Director of Admissions.

Probably the greatest problem in the change of administrative line-up was the determination of an assistant for Smiley. The search ended, however, after interviews had been obtained with Charles A. Seidle, who was acting as assistant director of the Institute for Propaganda Analysis in New York. Strangely enough, his background was something like that of Dr. Congdon's as his first experience was gained as an instructor in English at Lingnan University in Canton, China, after graduation from the University of Pittsburgh in 1931.

Later he returned to this country to work in the admissions office of Teachers' College at Columbia University and then became research associate in higher education in the same college while working for his degree as doctor of philosophy. He is a member of Omicron Delta Kappa, Sigma Delta Chi, Kappa Delta Pi, the National Education Association, Progressive Education Association and the American Academy of Political and Social Science. Highly rated by his superiors in the Institute of Propaganda Analysis, he comes to Lehigh at a time when admissions work is largely a matter of selectivity. Within the past year forward steps have been made in all student qualifications including scholastic ability. For this exacting task Smiley and Seidle

(Continued on page twelve)



SEIDLE



COLLEGE-ALUMNI COURSE CONFERENCES--INSPECTION OF RICHARDS HOUSE--ALUMNI SMOKER--

WILLIAM A. CORNELIUS, executive secretary of the Lehigh Alumni Association furrowed his brow.

In the year 1937 he had engineered the first Fall Homecoming of Lehigh alumni. The affair had been distinctly on the successful side. In brief, it had been "voted a success by one and all."

But it was the future that worried Secretary Cornelius, for the 1938 Lehigh-Lafayette Game was scheduled at Easton and it is well known that Homecomings flourish on the home campus, not elsewhere.

Penn State Game Set

Next on the list of big football battles that "either might win" was the Penn-State game. Last year Lehigh lost by a scant seven points, the year before Penn State lost by 1 point. In 1938—well, to Cornelius it looked like the answer and October 15th was set for Homecoming.

If the affair last year was distinctly razzle-dazzle, it was now scheduled for a new high. Machinery was set going for an all-star event.

Actually, Homecoming will begin Friday night, October 14, when Lehigh and Penn State alumni gather at the Bethlehem Club at 8 o'clock for a smoker. Lehigh men who have attended the reunion parties in June know the program in advance. Speeches have been eliminated and the emphasis is on football. Tickets, priced at a dollar, may be purchased at the door.

But "Billy" Cornelius' biggest idea is

scheduled for Saturday morning. It takes the form of alumni conferences with department heads as an aid to the planning of future courses for study.

These conferences are to be based on the theory that after all, alumni are in the best position to judge just where the greatest value was gained in their college training. For example, in determining what did the most good for alumni while they were in college they may be asked if such aids were found through courses, through teacher contacts or through extra-curricular activities. It is planned, too, that the conferences will afford an opportunity for outstanding alumni in professional fields to become better acquainted.

Essentially the conferences will be informal and divided into three groups (or more) representing the college of engineering, the college of arts and sciences and the college of business administration. It is possible, too, that the heads of the various departments may be able to summarize for alumni some of the steps which have been taken in the past year to improve the courses and physical equipment of the divisions in which these men studied.

Beginning at 10:30 in the morning, Dean Palmer will head the conference on arts and science subjects in Coppee Hall, Dean Carothers of the Business Administration College will meet his alumni in Christmas-Saucon Hall and Dean Stoughton's group of engineers will meet in the lecture room of the new chemistry wing. President C. C. Williams is expected to briefly attend each conference for a word of greeting.

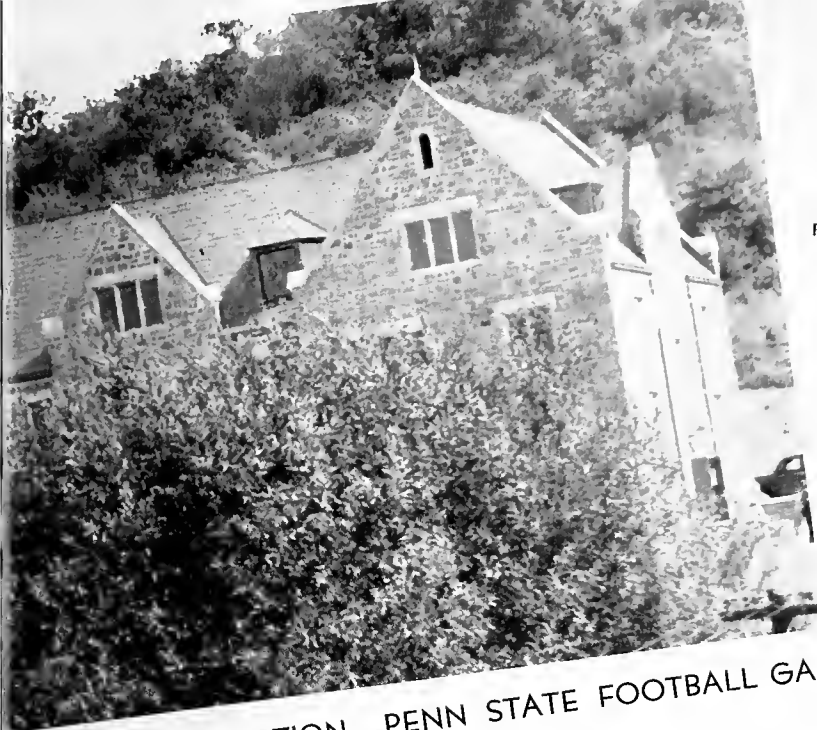
AN ALL - STAR

Home

One feature of last year's program which has not been changed, due to its outstanding success, is that of inviting the fraternities to take part in the activities at noon. Through the cooperation of the Interfraternity Council and Dr. C. G. Beardslee, those fraternities which desire to do so will hold buffet luncheons in the various chapter houses. The contests sponsored by the Interfraternity Council last year for the best decoration of fraternity houses will be repeated and the two and a half hour interval before game time will allow all alumni particularly interested in their fraternities time for meeting new pledges and discussing fraternity activities.

Will Sell Tickets Early

At 2:30 events reach their height in the Lehigh-Penn State Game. Ticket sales will have been completed by all men who have attended the Penn State Smoker on the previous evening as Paul Short, assistant director of athletics will be on hand to sell tickets for both the Lehigh and Penn State stands. From their vantage point, alumni will probably see one of the best games of the season, for there is always a certain amount of "pointing" for this game by both teams. Within



CHARLES RUSS
RICHARDS HOUSE

dormitory as construction was completed. Built to serve pressing demands for student housing, it accommodates 144 students and is equipped with a large reception room and game room on the first floor where alumni activities will be centered. An excellent view may be obtained from the dormitory windows of the fourth floor rooms which overlook the entire Lehigh Valley and afford a perspective second only to the famous Look-out. Sample student rooms will be chosen for exhibition to returning alumni and regularly appointed guides will conduct them through the building.

Cornelius Gives Statement

In an official statement with regard to the reunion, William A. Cornelius, executive secretary of the Alumni Association, states:

"There are thirty surviving members of the Class of '92 scattered almost all over the face of the globe. C. O. Wood, of Chambersburg, Pa., and W. Y. Brady, of Washington, D. C., are serving as a sort of self-appointed committee to work up attendance and are meeting with a lot of hearty response, so there should be a goodly number of the class and their families on hand for us to welcome and congratulate on their being back to the old campus fifty years from the time they entered as freshmen.

"Parties are being made up and many who have no means of transport-

(Continued on next page)

'92 CLASS RECEPTION---PENN STATE FOOTBALL GAME

CELEBRATION---

coming

the last few years it has been packed with football dynamite.

As coach of the Penn State Varsity for his ninth season, Bob Higgins will bring a powerful team to South Mountain. His own statement after looking over his staff for the year is "We will be stronger." Prior to the Lehigh Game, Penn State will have tackled Maryland, not ordinarily a difficult opponent, and Bucknell, whom they have defeated for the past two years. Games against Pitt, Cornell and Dartmouth will come after the Lehigh encounter.

To Honor Class of '92

The game over, alumni, preceded by the band, are expected to go to the new Charles Russ Richards House, the latest dormitory to be completed on the campus. Here rooms and facilities will be open for inspection and a reception will be held for returning alumni. The class of 1892 will be the honored guests and all alumni and friends will be guests of the University at the reception. Here again, as in the case of all events planned for the Homecoming period, informality will rule. Every effort has been made to lay stress on a "good time" rather than a formal program.

The photograph above shows the new



tation are being picked up and brought to Bethlehem for the occasion.

"Lots of fellows are asking what the smoker at the Bethlehem Club the night before will be like. Well, it will not be like the one held at the gym the night before the Lehigh-Lafayette Game, good as that is, but it will be as near as we can make it like the gathering held at the Bethlehem Club after the alumni dinner in June. Everyone will have a chance to mill around and meet old friends as well as make new ones. An accordion player will be on hand to start the songs for anyone interested but no one need sing unless the "spirit moves him." Tickets for the smoker have been printed and are being sold by Lehigh and Penn State men. No one must take exception to the wording on them—"Lehigh-Penn State" has been put on vertically, Lehigh in the lead. If the card is held by the end, Lehigh is in the lead; if it is

looked at from the bottom, Penn State is on top, so anyone can take his choice as to how he wants to hold the ticket.

"At the game everyone will be given a Lehigh football badge to wear so he can show his colors.

"The stage is all set and we're hoping the weather man will be good to us so we may have a good and profitable day for our 1938 Alumni Homecoming. No one should miss the smoker the night before nor events scheduled for Homecoming Day.

"Attention should be called to the fact that Alumni Homecoming Day is a good time to see the University "in action." When alumni come back in June everything is shut down, and the students have gone home or are away for the week-end, but now everything is going "full swing" and we could find no better time to visit not only the University but the faculty and student body."

The Old Order Changes (Continued from page nine)

appear to be an excellent combination.

In a far corner of the campus another important move took place during the summer; this revolved about the decision by the popular Bob Adams, '25, to forsake University work for the commercial field. After graduation from Lehigh and a year as a ball player for Boston in the American League he did engineering work with a road-building company. In the ten following years he acted in various capacities in the Lehigh athletic department being baseball coach and manager of five ticket sales and in recent years assistant to Nelson A. Kellogg as director of athletics. During this period, Adams had become a vital link in the machinery that assured equitable distribution of athletic tickets and the difficult arrangements connected with more and more Lehigh sports activities. He now becomes a representative for a new by-product industry which is shortly to open offices in the East. A member of Kappa Sigma Fraternity, Adams has been married for thirteen years and has three children, Robert T., William L. and Glen T.

Short Gets Position

To turn over Adams' diverse duties to anyone not acquainted with the Lehigh athletic set-up would have placed a well-nigh unbearable load on any applicant. The choice soon centered, however, around Paul E. Short, '34, outstanding backfield star in 1931-33. Not only will Short take over the ticket sales and assist in administrative duties but also will work in coaching the junior varsity football team and the wrestling team. He will succeed Paul Calvert as Freshman Baseball Coach while Calvert takes over the varsity baseball duties left vacant by Adams' resignation. Short was graduated in 1934 with a degree in business administration.

But throughout the entire faculty other changes were taking place.

George B. Curtis, the Registrar, was given the new post of University editor to supervise the many official publications of the college. Dr. Bruce Gilbert Johnson formerly of the Columbia University faculty and a graduate student at Lehigh in 1934 has been named to succeed Dr. Inge Lyse as assistant professor of civil engineering and assistant director of Fritz Laboratory. Dr. Hale Sutherland, head of the civil engineering department was placed in charge of the laboratory.

Create New Graduate Post

Another newly created post was that of Dean of the Graduate School to which position Dr. Tomlinson Fort, head of the Department of Mathematics, has been named. Dr. Fort came to Lehigh in 1937 after serving on the faculties of the Universities of Georgia, Michigan, Alabama and Hunter College.

The appointees to full-time teaching positions are:

Adrian Brian, Major U. S. A., assistant professor of military science and tactics; Earl R. Hall, M. A., formerly superintendent of schools at Youngstown and Counterville, Ill., assistant professor of education; Arthur T. Ippen, of California Institute of Technology, to be instructor in civil engineering; Edward D. Amstutz, instructor in chemistry at Union College, to be instructor in chemistry; James P. McReynolds, assistant in chemistry at University of Illinois, to be instructor in chemistry; Malcolm F. Smiley, of the Institute for Advanced Study at Princeton University, to be instructor in physics; Arthur E. Pitcher, Benjamin Pierce instructor at Harvard University since 1936, to be instructor in mathematics; and John T. O'Neill, research analyst and security analyst of the Tri-Continental Corporation of New York City, to be instructor in economics.



If you would have the time of your life, get the old gang together and stage one of those history-making, carefree, rib-splitting and never-to-be-forgotten reunions, such as the Silver Jubilee which the class of 1913 held in June.

Our own experience suggests that the best way to start the ball rolling toward the great day is for several members of the class, including the Chairman, Secretary, and Treasurer, to make the responsibility for the reunion their hobby until the last sound of revelry passes away, in the morning of the Sunday after.

Demands Much Work

The organization of a college reunion is no mean responsibility and to be entirely successful should contemplate originality of program, provision for spontaneous expression and most of all . . . a lot of work. Once the members of the class realize that some one or group of persons is making an earnest effort to put such a job over, help will be volunteered from the most unexpected of sources. At the same time, there will be found members who will not even take the trouble to mail a self-addressed envelope. In most cases those of the latter class are to be pitied rather than blamed.

In planning the campaign we cannot get started too early for the simple reason that it takes time to put the message across. It will be found difficult to create costumes of satisfactory design and timeliness. If you do not think so, try it yourself. There is always the matter of expense and any one could buy a show. Building one is

Give a Reunion



Above: Official class picture of '13 with its regalia and rejuvenated calliope. Left: The author.

a different matter. I shall attempt to describe briefly, only one feature of the 1913 reunion. A good resume of the entire affair may be found in the June BULLETIN under the heading "Crusaders Celebrate 25th."

In a class picture accompanying this article, there is shown a rather peculiar sort of contraption which happened to be an old steam calliope, mounted on an ancient Cadillac chassis. The steam auxiliaries for the calliope had been replaced with air compressor equipment and the outfit had long since been junked. Its rejuvenation appeared to be an almost hopeless task.

Calliope Was Suggested

Some one had suggested a calliope for the parade as we did not want canned music. Furthermore, we wanted old tunes and the idea of securing them in plaintive tones from the brass pipes of a calliope struck our peculiar fancy, the effect of which was irresistible. A resolve was made to undertake the job.

One of our classmen, Earle Weaver,

is to be thanked for horsing that mass of junk down from the back hills north of Hamburg, over dirt roads, and sneaking it into Allentown long after midnight when even the traffic cops are not altogether awake. A mechanic worked every night in the week, with Saturdays and Sundays included for over a month, in order that the calliope could function properly, meet highway requirements and give the greatest class that ever attended Lehigh a real thrill and something of which to be proud. It proved to be a great mascot, which either led or followed the class wherever it happened to go.

One of the first and most important moves for the committee to make is that of providing for class stationery and determining the number of general letters which are to be mailed to the class. The master sheets should carry at least the names and addresses of the officers of the reunion committee, while the word Lehigh and the class numerals might be neatly in-

If your class has its big affair next year, here's the way to run it.

By

C. L. T. Edwards

Class Agent for 1913

scribed on the upper left hand corner of the envelope.

At least three general letters of two pages each should be sent out and such letters, if dove-tailed with various issues of the LEHIGH ALUMNI BULLETIN will be found very effective in developing the common interest and response from the class. In lots of 500 for the smaller classes and 1,000 for the larger, the items of stationery can be purchased at very reasonable prices and such features as an old reunion picture can be printed on the letter-heads at a very nominal extra cost.

The reunion should be getting under way not later than the afternoon preceding Alumni Day. There is so much to see and talk about that the time passes into thin air. The boys start coming in at about one or two o'clock. And the appearance of each one gives a thrill to those who are already on hand, the ice melts quickly and by seven p. m. all eight cylinders are functioning beautifully.

Must Have Parade

There would be something seriously lacking in a reunion without a parade and if there is to be a parade, why not make it a knock-out? That is one way of identifying the year and exhibiting class pride. In the matter of rivalry for example, I cannot conceive of anything coming from the class of 1912 or 1914 that can hope to be better than "almost as good" as that which comes from 1913. Perhaps the greatest compliment payable to either of those classes is that it aspires to the pre-eminence of 1913.

When planning the campaign for our 26th year reunion, the outline of the program will be about as follows:

1. This reunion must be the best we ever had and it shall be the outstanding one of the year.

2. Expense shall not be a deterrent until the program is completed and its success assured. No one will make a special effort to cross the continent to attend a three dollar reunion and besides, such a reunion would require little planning.

3. The chairman of the committee should be one who will consider it a great privilege to spare neither time nor effort in making it possible for the class to gather under the most happy and carefree of circumstances, to be concluded with a great love feast.

4. An efficient treasurer would be delegated to the responsibility of receiving all funds, the acknowledgment of certain communications, to keep the chairman informed and make proper disposition of current obligations.

5. If possible the Chairman, Treasurer and Secretary should live reasonably close to one another and all three, if convenient, might well be close to the Alumni and BULLETIN offices for the benefit of the advantages which accrue therefrom. The secretary in his class column renders a potent service and is an ideal clearing house for exchange of ideas.

6. Personal and general letters should

(Continued on page sixteen)



Hitting the Line

By

CHARLES J. MORAVEC

Assistant University News Editor

Lehigh, 16; P. M. C., 13

LEHIGH	P. M. C.
Simpson	J. E. Biasotto
Rahold	L. T. Montero
Kirkpatrick	L. G. Ryan
Famighetti	C. Chalmersworth
Thomas	R. G. O'Malley
Heins	R. T. Drabkowski
Walton	R. E. Gardecki
Campbell	Q. B. Glenn
Cox	L. H. Pitt
Smoke	R. H. Hartnett
Wertz	F. B. DeRouen

Lehigh's gridgers added another victory to the P. M. C. series as they came back to defeat a stubborn Cadet machine after the visitors tallied early in the first period of the Engineers' 1938 opener. Only one tie, 20-20 in 1929, prevents the Brown and White coaches from boasting of an undefeated and untied series of seven games with the Chester sharpshooters.

The game, played before a crowd of 6,000, revealed that Coach Harmeson's prediction that he has an improved backfield, but probably the weakest line during his five years at Lehigh, was true.

Jud Timm's charges revealed that they could do just about everything on the gridiron as far as football goes. They piled up a 13-8 margin in first downs, a 165 to 131 yard edge in rushing and a 71-23 yard lead in passing.

The three point marginal victory of the Engineers was due to the lazy but accurate field goal of Paul Duyckinck in the third period. It was this one long and straight boot that counted more than all the runs, passes, or touchdowns put together that crowned Lehigh's chances with a win.

Harmeson's charges did not present

a very promising aerial attack as they completed only one pass out of ten tries. They played fundamental football from the start instead of gambling on any fancy tricks of deception.

The P. M. C. eleven flashed a sharp running attack that gained ground for the Cadets every time. Their aerial work was about on even terms with that of the Engineers once the latter freed itself of sluggishness and tension.

Steve Smoke, sophomore halfback, with his kicking, forced the invaders back when they threatened to dent the Lehigh line. Mark Wertz, captain of the Brown and White for this opening battle, was a consistent ground gainer on his smashes through the Cadets' well tapered line.

Lehigh's scores proved that two of last year's newcomers would aid the Engineers as they gained experience. Dick Gowdy, the artist of the squad, dashed for the initial tally in the second quarter. Herb Feucht, capitalizing on the only end around play used while the Cadets were asleep, furnished Lehigh with the second touchdown of the afternoon.

If Lehigh alumni heard or read encouraging reports about the varsity Brown and White football team last spring, took one look at the "suicide" schedule, they would have sighed with

relief that five victories would be a successful season.

But the brilliant spectacle has taken on a duller shade at South Mountain since April. The second scene portrayed fourteen men receiving their diplomas. Here the line suffered most with Jack Hoppock, Fritz Bayer, Myron Sterngold, and Jack Frey walking for their sheepskins instead of charging the line.

Ineligibility, in the third scene of our football drama, cut into the promising numbers even deeper. Experienced juniors and seniors as well as several outstanding freshmen have left the campus or will be devoting their afternoons to engineering and business theories instead of working on touchdown plays.

Injuries sustained in spring practice and pre-season training have taken their toll in the fourth scene of the Lehigh gridiron show. Ken Remington, who was expected to furnish some speed in the backfield, has been advised by physicians to give up football because of a back injury. A dislocated shoulder, sustained by Dick Fincke in a practice game with the Albright College warriors, will decrease some of the power anticipated from the Engineer backs this season. A twisted ankle may prevent Charlie Griffiths, considered an excellent field general,

Steve Smoke, Lehigh's plunging halfback, comes around the right end of P. M. C.'s line for one of the gains that tied up the game for the Brown and White.

from seeing action in the first few battles.

Despite these setbacks, Glen Harmeson, in his fifth year as head mentor, has been developing a passing attack to overcome the weakness of this year's line. With Al Cox and Mark Wertz heaving the ball, the Engineers should present quite an improved offense from that of last season.

The line is well fortified at the center and guard posts, but as it tapers off shows plenty of weak spots, chiefly in the number of capable or experienced reserves.

Much improved over last season is the backfield—at least as far as weight and experience are involved. Cox, Wertz, Campbell, Gowdy, and Tanczyn comprise a quintet of ball carriers who learned a great deal in last fall's campaign. In addition, there are Steve Smoke, who will be called upon to do most of the punting; Emery Loomis, a hard hitting ball carrier; and George Melloy, who has earned a reputation as a versatile open field runner.

Of the lettermen returning this year, seven are linemen and five backs. Not as powerful as the lettermen graduated, the coaching staff believes that these twelve will form a firm nucleus for the squad.

Kirkpatrick, Famighetti, and Thomas offer the strength in the center of the line. If injuries of last fall and two seasons ago do not bother Rabold and Nordt, the tackle berths will be about as secure as last year.

Campbell and Tanczyn have been pushing each other for the starting quarterback job. Campbell has proved to be a much better blocker than last season while Tanczyn's capabilities as a sound, hard-driving field general provide some of the spark the team needs and the coaches desire.

Only two changes have been made in this season's schedule. The Engineers

started against the Cadets of Pennsylvania Military College and meet the gridgers of the University of Delaware on Oct. 22. Gettysburg and Johns Hopkins were dropped to provide for schedule reorganization.

With practically veteran first and second teams returning to Penn State, Rutgers, Lafayette, and Muhlenberg, the Engineers will face much improved backfields and powerful lines as the obstacles to victories in these battles.

Penn State invades Taylor Stadium on Oct. 15 without Windy Wear, but Harrison is rated by the Lehigh coaches as a greater threat than he was last October. State's line will be a bulwark on defense.

One of the East's highest scoring backs last fall, Bill Tranavitch, will try

FLASH

As the Bulletin goes to press, Lehigh held a powerful Boston University team to a 6-6 tie with a completed pass in the last minute of play. Cox passed, Gowdy received. Last year Boston won with a score of 33-6 but this year were on the defensive through most of the game.

to score easily on passes and vie for national honors again when the Scarlet eleven of Rutgers comes to Bethlehem on Oct. 29.

Alvin "Doggie" Julian has been praising and crying about his Muhlenberg squad for the past month. With veteran material bolstered by a quantity of quality sophomore backs, the Mules will be after their second straight victory of the series which dates back to 1907.

America's longest unbroken football rivalry will close the season for the Engineers when they travel to Easton on Nov. 19. "Hooks" Mylin, All-American coach of last season, is minus the services of Kearns and Sargent, but should discover a punter and a passer from the undefeated Lafayette year-

lings of a year ago before the Maroon meets the Engineers.

Teams rated to be out of Lehigh's class will be the flashy and powerful Terriers of Boston University and the Violets of New York University. The Brown and White squad will play host to Boston University on Oct. 1 for the first time in Lehigh's gridiron history. Mal Stevens' eleven will be met on Nov. 5 at Ohio Field, New York City.

During Freshman Week, Paul Calvert and Elliott Small, yearling menors, greeted eighty-nine candidates for the neophyte Brown and White eleven. Among these were captains of ten high and preparatory school squads. Forty-one others had earned letters for gridiron competition.

Lehigh's expanded football program, providing an opportunity for participation for a larger number of students, got into full swing when Donald McCaa, Paul Short, and Lou Pennauchi, outlined plans to some thirty-five candidates for the regular organized junior varsity squad. Eleven of these earned numerals as freshmen last fall. The junior varsity eleven will meet four opponents; two at home and two away. The schedules:

VARSITY

Sept. 24—P. M. C.	home
Oct. 1—Boston University	home
Oct. 8—Case	away
Oct. 15—Penn State	home
Oct. 22—Delaware	away
Oct. 29—Rutgers	home
Nov. 5—New York University	away
Nov. 12—Muhlenberg	home
Nov. 19—Lafayette	away

JUNIOR VARSITY

Oct. 21—Pennsylvania	home
Oct. 27—Lafayette	home
Nov. 5—Montclair Teachers	away
Nov. 11—Rutgers	away

FRESHMEN

Oct. 8—Blair	away
Oct. 15—Hun	away
Oct. 22—Rutgers	home
Oct. 29—Perkiomen	away
Nov. 12—Lafayette	away

Left: Paul Ouyckinck whose field goal supplied the three points of victory in the P. M. C. game. Center: Mark Wertz, opening game captain, who smashed through the line for repeated gains. Right: Herb Feucht, stricken by appendicitis will be lost for the remainder of the season.



Let's Have a Reunion by C. L. T. Edwards (Continued from page thirteen)

start going out not later than October preceding the reunion. Key men in various sections of the country should be literally ordered to assume the responsibility of rounding up their prospects. At the same time, these key men should be supported in their efforts with follow-up letters and given the names and latest addresses of the men whom they are supposed to contact.

7. A special effort will be made to enlist the service of travelers who can make personal contacts. The work of these fellows is just like dynamite in prying the dormants out of their lethargy. They are usually salesmen who have a keen appreciation of the value of friends and think nothing of going fifty or a hundred miles out of their way to see one of the old gang.

8. The Supply Bureau under Maxwell and the Alumni office can be of real assistance in the matter of costumes, badges, campus headquarters, dinner arrangements, etc. It must be noted, however, that this department cannot be expected to do our thinking for us. We will therefore, give to it all possible details concerning such services as we hope to have rendered.

9. For the older classes in particular, there is no reason why the ladies should not be made to feel welcome, and the wives should be given the opportunity to become acquainted, especially so because they hear many of the class names throughout the years.

Show Must Go On

10. Plans and correspondence should be pressed energetically for the reason that new ideas keep presenting themselves. Everything must be planned and planned some more, good ideas are succeeded by better ones, everything must be checked or headaches will follow and there will be jobs unfinished. The printer may make a serious mistake, an important key man may slip on his job, the costumer may gum things up, ideas may clash but the show must go on.

11. The fact that many of us have lived through a World War, the panic of '21, the crack-up of '29, and the present age of confusion are no reasons for absence from the reunion which is created for our special benefit. Few have escaped the beatings of one or more of those troublous periods and it should be commendable to hitch hike

if necessary in order to be on hand at the big party.

12. Most of the boys will be glad to put up a minimum of ten dollars to cover stationery, postage, extra BULLETIN mailings, cards, programs, banquets, costumes, unforeseen expenses, or what nots. A successful reunion would not have been missed at any price. Some of the old guard will be found ready and willing to assist in making up any reasonable deficits.

To the readers of this article I must say—your class reunion is for your benefit and you will find this to be so. The least you can do is to pay your assessments early, answer all letters or questionnaires sent you; try to make some suggestions which will help the committee arrive at conclusions, accept a little of the responsibility by contributing to the class column and if you have heard of, or made contact with any of your classmates, send in the news. Do your bit and when the big day arrives (only one in five long years) you will find the response in friendships renewed worth many times the effort which you have contributed toward its success.

Dear Dad:- a Freshman's Letter Home (Continued from page seven)

over 530 of us in the Freshman Class and the whole student body numbers over 1,800.

It seems to be some honor up here to have a regional scholarship like I got. One day after assembly they called us all out to have us meet Dean Congdon—that's where we come to the other picture. Bill Johnson took a photograph of us as we were being welcomed by him. They tell me he is just starting out new like we are, for a man by the name of McConn has been dean for several years up till now. Dean Congdon told us how glad he was to have us on the campus and boy, he wasn't any more glad to have us than we were to be here. Some of the fellows on those scholarships came from as far away as Milwaukee and one of the boys is rooming with me now at the dormitory, and he's a grand guy so I am sure we will have fun together.

"The Sophomores Were Nice"

This first week was certainly a round of activity. During the day, like I told you, we were taken around by fraternity men and saw the whole campus. The Sophomores were just as nice to us as any of the rest of them. I'll have to send you a picture later of myself in my Freshman cap. They are really nice looking and we don't have to run around the campus with black neckties on like the fellows used to. We also wear little buttons with our name on them like you see in the picture to help us know each other and to get acquainted with upper-classmen.

Every night we went down to the big auditorium in Packard Laboratory and heard many of the professors on

the campus give us talks on Lehigh and its background. I wish you could have heard them for it would have brought you up to date, at least by about twenty years. One night all three of the deans spoke to us (they're the heads of the colleges) and another night Dr. Beardslee, the Chaplain, and Mr. Okeson who is treasurer of the University, told us about how the fellows live here and what the University expects of them. Of course Dr. Williams, the President, and Dean Congdon I told you about, all spoke to us on other nights and the older fellows who are head of activities on the campus explained the things we can do in addition to our studies during our next four years. You were right though when you said that this was a tough place as far as studies are concerned. Even now I realize that we have to knuckle down pretty tight to get through this first year, and don't let anybody kid you that the arts and business courses aren't tough, too.

While we are on this business of the tour of the campus maybe I had better tell you some things that have changed since your time. We have a gymnasium although the fellows tell me it doesn't take care of the student body of today, and a nice big stadium which is just about right for our number of students. Coppee Hall isn't the gym like you said it was but is now used for the college of arts and science. The Chem Building has had two new wings put on it since you saw it—the last one is just finished this year through the help of alumni. I hope you were in on that for it certainly is going to mean a lot to the students and

make the building one of the foremost in the country.

I told somebody I wanted to go to Calculus Cremation and they all laughed because it has been years since they did that. The first big event is Founder's Day when the Sophomores and Freshmen have interclass games—a tug of war, pants-tearing contest and a football game. These end up in a lot of fun and no broken bones like they did in your day.

"Army Has High Rating"

And incidentally, the President and all the offices they call administration are in a big building on the west side of the campus called the Memorial Building which was a memorial to the soldiers from Lehigh that fought in the War. Speaking of that reminds me that we all take courses in the Reserve Officers' Training Corps and they really have a fine staff here that has been given a high rating by the Army, the fellows tell me.

The only other thing to tell you is what I mentioned in the beginning, and that is the spirit you told me about. All of the fellows are pleasant and friendly and have a "Hello" for you even if they have never met you. It seems that they get together and decide things for themselves and I know you won't have to worry about any homesickness from me.

That's all for now, except that they are having a Homecoming Day on October 15 and I think it would be a swell idea if you and Mother would take a couple days off and come up.

Your Lehigh son,

Bill.

P.S. How about that \$16.74 for books?



Left: Members of the Western New York Club pose before the Buffalo Launch Club for a summer outing photograph. Below: More informal pictures show activities of the afternoon. Bottom of page: Gerald M. Gemmer of Nichols School Buffalo receives the Lehigh Cup for track from J. Frederick Rogers '24 of the Western New York Club.

Northern Ohio

The night before the Case game, October 7, was the time set for the Northern Ohio Club's rally in the Jade Room of Fenway Hall in Cleveland and guests from Bethlehem included Glen Harmeson, E. K. Smiley, Bob Herrick and Fred Nonnemaker, sports editor of the Bethlehem Globe-Times. The usual good time was enjoyed by all and plans are going forward for a possible broadcast of the Lehigh-Lafayette game on November 19. A pint of South Mountain "dew" was awarded to the fellow who had the nearest guess as to how many children were represented by Lehigh fathers at the meeting, and from all indications, the Northern Ohio Club is off to a flying start for the year.

Delaware

The Lehigh Club of Delaware will be host club on Friday, October 21, at the combined meeting of the Lehigh-Lafayette-Rutgers Alumni Clubs of Delaware. This will be in the form of a smoker and guests invited are Glen Harmeson, Billy Cornelius and Walter Okeson. It is believed the meeting will be held in the University Club, Wilmington, but further details will go out to the members later.

North Jersey

In spite of threatening rain, the beer-bunging party of the Northern New Jersey Lehigh Club went off as scheduled on June 24 at the Montclair Athletic Club with 25 in attendance. All on hand had a grand time, the last survivor being ushered out in the wee small hours of the morning. The club's facilities were thrown open to the fellows and tennis, billiards, ball, etc., were much enjoyed by all.

Western New York

On July 27 approximately 30 members of the Lehigh Club of Western New York met at the Buffalo Launch Club on Grand Island for the annual summer outing and dinner. Those not too busy at the lager barrel played horseshoes, practiced golf putting, played poker or threw eggs at each other in a nice messy contest. Dinner was served in the club house after which Bill Cornelius, Jr., showed movies of alumni weekend while Bill, Sr. offered his humorous comments and extended an invitation to all to attend Alumni Homecoming on October 15. After a good, old-fashioned "bull session," the dinner ended with a reminder that the next meeting of the club would be the annual Lehigh-Lafayette broadcast on November 19. The committee wishes to take this opportunity to thank the members for their support in making the outing a huge success.

New York City

The annual football dinner of the Lehigh Club of New York will be held at the Murray Hill Hotel in New York City on Thursday, October 20 at 7 p.m. Walter R. Okeson, '95, will act as toastmaster and guests will include Harvey Harmon, coach at Rutgers; Cliff Battles, former Washington Red Skins' great back and now coach at Columbia; Asa Bushnell, new commissioner of football who took Okey's place; Bosey Reiter, Billy Sheridan, Glen Harmeson and a prominent newspaper man. The price has been set at \$2.00 per person.

The Board of Governors of the Club held their first meeting of the year in the Murray Hill Hotel on September 20 to formulate plans for the coming season.



Lehigh Clubs



THE alumni have ample reason to be proud of the addition to the chemistry building which they have given to their Alma Mater, for it brings the facilities for instruction and research in that important science to a new high level. The undergraduate laboratories and the graduate research laboratories are equipped with the latest and best apparatus and conveniences. The high ceiling and the depressed floor in the chemical engineering laboratory make possible semi-plant installations and processes not heretofore practicable. The class of construction, light, space, ventilation and elimination of objectionable gases represent the best in laboratory design.

The splendor of the new addition even shines down the corridors of the old portion of the building where new floors, tiled walls, and paint have done much to freshen the old laboratories, which have meant so much in the lives of many alumni and where so much excellent scientific work has been done in the past.

However, the finest touch in this gratifying picture of the H. M. Ullmann wing to the chemistry building is Dr. H. M. Ullmann himself. Having served with unique distinction and with a heart single to the welfare of the department for 44 years, the last 24 as its head, Dr. Ullmann has handed the chairmanship over to Professor Harvey A. Neville, whom he had brought to his faculty in 1927. The manner of this transfer, so typical of the magnanimity of Dr. Ullmann, explains why for so long he has held the esteem and affection of his colleagues. He wished his young successor godspeed in his departmental leadership as sincerely as a relay runner might pass the baton to a teammate. On August 31, the last day of his titular headship, he called a meeting of the departmental staff and, with a brief reference to his happy years in the department, he pledged his loyalty

Prexy's Pen

BY

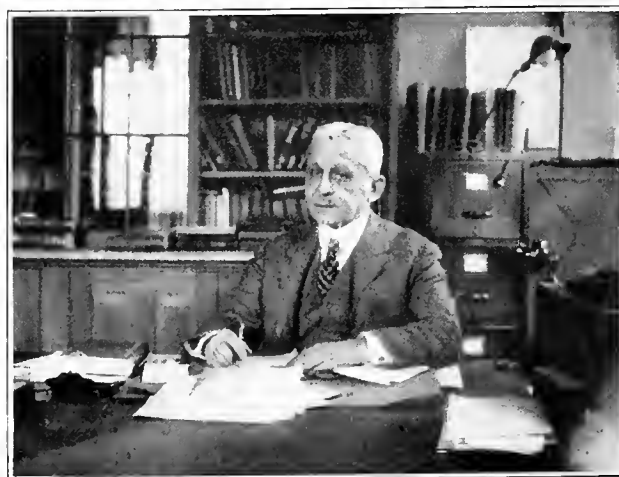
C. C. Williams

and support to the new head of the department. The next day, he journeyed to the office of the President of the University to convey assurance to the President of his abiding interest in the department, his continuing devotion to Lehigh and of his readiness to counsel and co-operate in any way to promote the interests of the University. If the whole of Lehigh loyalty were placed in a huge chemical crucible and distilled to discover the crystalline structure of its essence, among the clearest and finest of the crystals would be found the fidelity of Dr. H. M. Ullmann.

Nothing has contributed more to the wonderful *esprit de corps* of the department than Dr. Ullmann's unfailing enthusiasm and support of the men in the department. This department was his first love and his ardor has never cooled. He may find satisfaction in turning over to his successor a new building and excellent equipment, but he is turning over to him an intangible that is an even greater asset, namely a departmental organization with a spirit of achievement and of friendly co-operation that is seldom equalled.

Dr. Ullmann is moving back into his old office from which he was displaced by the exigencies of building operations. From his small research laboratory at the rear of his office, we may expect important contributions in applied chemistry since his time and unflagging energies will no longer be consumed with administrative errands. Whatever may come from the laboratory, the visiting alumnus will receive a warm smile and cordial greeting from the gracious gentleman who occupies the office.

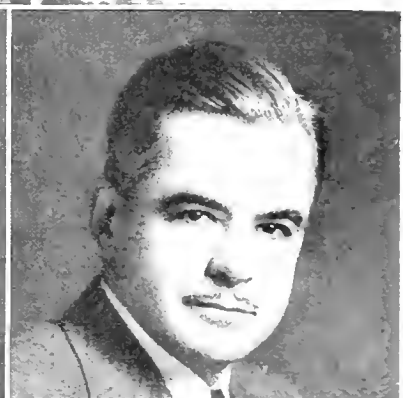
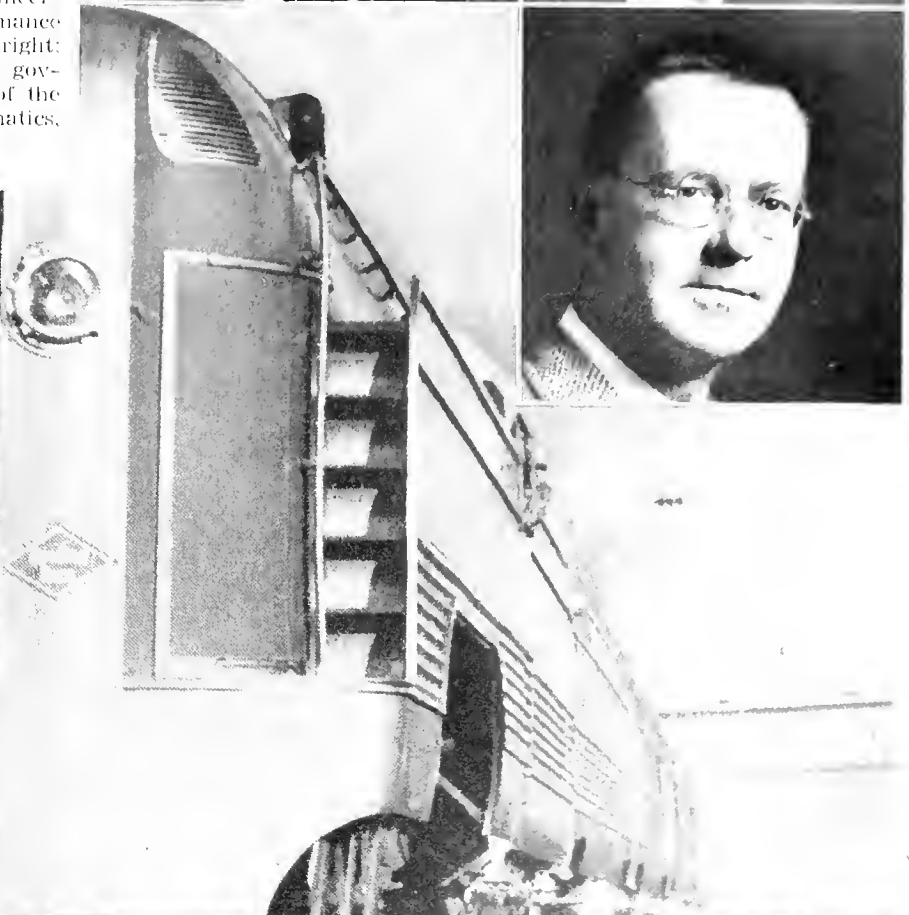
DR. HARRY M. ULLMANN.



Department Heads

VITALLY important to the administration of Lehigh's three colleges are its department heads. Here we present the first of a series of portraits which will appear from time to time acquainting the alumni with the men who are directing the administration of curricula.

Shown on this page are the following department heads: Top, Dr. Herbert M. Diamond, economics and sociology and Professor Howard Eckfeldt, mining engineering; below, Dr. Bateman Edwards, Romance languages. Bottom of the page, left to right: Dr. Lawrence H. Gipson, history and government; Dr. Tomlinson Fort, dean of the graduate school and head of mathematics, and Dr. Adelbert Ford, psychology.



preachers of revolution on our faculty. And, of course, the way to handle this problem in this present hour of world-wide dissension and confusion is to be constantly alert right now. The letters I have received from a lot of Lehigh men, sound this thought loudly.

Fortunately, the present set-up at Lehigh is admirably constituted to preserve and support such a policy of clear-cut Americanism. We can safely recommend to our friends and associates that their sons can be sent to our college without fear of their being subjected to moral and mental corruption

Wholly American

(Continued from page one)

by hare-brained malcontents. God save us from the shame that is being felt by the graduates of several colleges not far from where I am dictating these words.

I know that every Lehigh man has a few pet ideas concerning ways and means to make our university a still bigger and better institution. No one of

us can do very much that is helpful working alone. However, if you still will take just a few minutes and write me some of your thoughts to 32 West 40th Street, New York City, I'll do my best to pass along these suggestions in a way that may do some good. Also, I'll promise not to tie up any such proposals with the names of those who prefer to remain anonymous. Our desire, naturally, is to be considerate and constructive, and to avoid being at all upsetting. We wish to develop fair and honest discussion, not ruinous and intemperate controversy.

New Bequests

Endowment work at Lehigh, like a snowball, has grown to greater proportions through the past year as seen by

Walter R. Oleson

Treasurer, Lehigh University

With the exception of a few who spent their boyhood in southern climes, it was a boyish sport for all of us to roll a big snow ball. How carefully and sometimes laboriously we moulded and patted together a nucleus at the top of some snowy slope and then, the preliminary work done, started our ball of snow down the slope. Rolling it this way and that to keep it round we watched it grow, first slowly and then with a rapidity that swelled our small bosoms with pride. When it reached the bottom of the slope it was awe-inspiring in size and out of all proportion to our puny efforts.

Have Worked Long

To me this seems to be similar to our efforts in the matter of Lehigh's endowment. We have worked long and carefully getting our nucleus together and guiding it along the top reaches of the slope of the future. The work was at times discouraging and our efforts seemed more or less futile. But finally the ball has commenced to roll and to grow. At first because our eyes were on gifts there seemed to be little snow on the slope, but finally we began to see that in bequests, rather than gifts, lay the future of Lehigh's endowment and that once our snow-ball reached the lower part of the slope there could be lots of snow to add to its size.

That snow-ball is beginning to roll! In the past twelve months gifts and legacies have been received or announced amounting to a million and a half of dollars! Of this amount, a quarter of a million is in hand, three quarters of a million will be received in the next few months, and a half million will not be available until some undetermined time in the future. In these amounts there are only two gifts totalling \$60,000. The rest comes or will come from legacies under a dozen different wills.

All of these gifts and legacies have been reported to you in the various issues of the ALUMNI BULLETIN during the past year with the exception of the following two which have eventuated since the copy was prepared for the June-July issue.

On June 25, 1938 occurred the death

FRANK R. COATES

of Frank R. Coates, B.S. '90, E.M. '91. He was, until his resignation a year ago on account of ill-health, a Trustee of Lehigh University and one of her most loyal and enthusiastic alumni. A giant of a man he had been one of the outstanding football players of the late eighties, and had played guard on two Lehigh teams. His college sobriquet was "Pants" the derivation of which nick-name is easy to grasp. He was as lovable as he was big and through the years his undergraduate popularity followed him in business and social contacts. Lehigh lost in "Pants" Coates a son whose first thought was always of his Alma Mater.

One of his last thoughts was also of Lehigh. In his will, dated April 15, 1938, Lehigh University is made the residuary legatee. His wife, Mrs. Julia B. Coates, and daughter, Miss Helen A. Coates, receive the income from the estate during their lives and should the daughter marry and have issue, the estate finally goes to her child or children. Otherwise the entire estate eventually comes to Lehigh. In this way while fully protecting his family, which is every man's first duty, he provides for Lehigh's future if, and when, his family have no further need of this fortune.

Should this estate eventually come to Lehigh it will come without a single string attached. In simple language, the will states "to Lehigh University to be used for such purposes as the Trustees of Lehigh University may direct." Only through such gifts or bequests as are devoid of stipulation can the future of any endowed institution be assured. It was typical of Frank that he realized this and did not attempt to bind the hands of future Boards of Trustees.

Some years ago there was in the city of Philadelphia a railroad contractor



by the name of J. T. Stuart. He was known to many Lehigh men and a great friend of Bob Farnham, '99. Almost every Philadelphia Lehigh Club dinner found him present. I got to know him well as we had a tie in common, namely, we were both born in Juniata County, Pennsylvania. When "Tom," as we called him, died he left his only sister, Miss Ella Gordan Stuart, a life interest in his estate. She, knowing his affection for Lehigh friends, gave \$25,000 to start a fund to establish the "J. T. Stuart Chair of Railroad Engineering." This fund it was her intention to add to, either during her life-time or by her will. Miss Stuart died on June 9, 1938, and her will after disposing of her personal effects left the residue of her estate to Lehigh to be added to the above mentioned fund.

Support Has Wide Range

So here you have pictured for you the wide range from which the support of our University comes. One bequest from an alumnus and former trustee and another from the sister of a man whose only contact with Lehigh was with a few of her alumni. Perhaps among your friends is someone who can be interested in your Alma Mater. Certainly you, yourself, can so write your will that, without doing any harm to your loved ones, Lehigh might under certain contingencies be benefitted. That snow-ball will roll faster and grow bigger if all of us are concerned in keeping it moving and in putting a little snow in its path.

KEEP THE HOME FIRES BURNING



Less than eight short generations ago this country was just a cipher without a rim around it . . . today, let the accomplished fact speak for itself. . . . We've made our share of mistakes . . . heaven knows we have no corner on brains; and yet, in just a few years, we have come farther than any other nation ever did in as many centuries. How do you explain it?

THE ANSWER is simple: In a strictly mechanical age . . . we have the mechanics! More than any people on earth we have learned how to armor-plate our weaknesses with steel . . . to relieve muscle with machinery . . . to let dumb juggernauts do our work for us . . . swifter, better and for substantially less money.

Result: A new high standard of living bewildering to the peoples of other lands . . . where a man in overalls can wave fearlessly to a soldier in uniform . . . where a high-hat senator has time to smoke a cigar with a street cleaner . . . where rich and poor, big and little, old and young can all go crazy together at a ball game; and where machine-made comfort and luxury is the natural right

of the many instead of the haughty privilege of the few.

So this is America! And with the help of mass production and mass distribution, made possible solely by machinery, we mean to keep it so.

★ ★ ★

Some admittedly honest peoples sincerely believe that machinery is to blame for most of our woes . . . that, when you install machinery, automatically you displace men and increase unemployment. Nothing is quite so dangerous as a half-truth, loaded with dynamite.

One of the most important things that machinery makes is *jobs*! Only machinery can make jobs fast enough and in *sufficient volume* to answer the needs of this country.

Where would the truck driver be . . . without his truck? What would happen to the families of the train conductors, the engineers and the Pullman porters of this country, if you repealed railroads? Would Detroit's problems be solved, if humanity, over night, decided to go back

on the hoof? Would you give up your telephone, your newspaper, your radio. Anything that helps you do things *easier, faster and at less cost* is a machine!

Junk machinery, and you junk America!

★ ★ ★

Years ago, when the Indians had something important to say, they said it with *signal fires*. We do the same thing today, except that we don't build our signal fires out-of-doors, on mountains . . . we build them in foundry furnaces, factories and homes . . . so that anxious watchers, through the night, can see and know that *all is well with America*.

LINK-BELT COMPANY feels that, in helping to mechanize this country, we are helping to *keep the home fires burning*.

This is the fourth of a series of advertisements published in the belief that there is more to Business than just selling goods—

LINK-BELT COMPANY

The Leading Manufacturer of Machinery for Handling Materials and Transmitting Power

Chicago, Pittsburgh, Wilkes-Barre, Philadelphia.
Edward J. Burnell, '12; Harold S. Pierce, '04;
C. A. Woerwag, '10; Thomas Linton, '34;
Morris B. Urich, '33.

Personals

OBITUARIES

LeVan Dannenhauer, '76

Levan Dannenhauer died on July 8 at his home in Lomita, California. No additional details are available.

R. O. Dobbin, '82

Robert O. Dobbin, superintendent of the gas and water departments of the Waterloo, Ontario, Canada Public Utilities Commission for thirty-five years, died at his home on April 29, 1937, at the age of 84.

After leaving the University, Mr. Dobbin taught school at Breslau, Petersburg and Baden until 1899 when he took the position of superintendent of the Waterloo Commission. He retained this position until 1935 when he became consultant for the company.

His widow and one son survive him.

C. C. Hopkins, '82

Charles Comstock Hopkins, B.S., C.E., '84, died in Rochester, N. Y., on April 30. Since 1910 Mr. Hopkins had been in the consulting engineering field in Rochester, specializing in hydraulic and sanitary engineering.

He was the first editor-in-chief of the old Lehigh Burr which began publication as a monthly in the fall of 1882.

J. D. Hoffman, '83

John D. Hoffman, B.A., M.A., prominent Bethlehem lawyer, died on June 14, following an illness of several weeks.

Born in Bath, Oct. 18, 1862, he moved to Moores Township, and received his early education at the Bethlehem Schools. In 1879 he entered Lehigh University and graduated from there in 1883, when he entered the law office of the late General W. E. Doster. He was admitted to the Northampton county bar in 1886, and to membership in Phi Beta Kappa in 1887.

In 1896 he was admitted to practice in the Federal courts at Philadelphia, and the United States Circuit Court of Appeals. He became a member of the Pennsylvania State Bar Association in 1900, and was elected to membership of the American Bar Association in 1908.

He was a member of the Central Moravian Church, and was a former trustee of the Allentown State Hospital and a member of the Northampton County Emergency Relief group.

F. H. Purnell, '83

Francis Henry Purnell, C.E., E.M., died at his home in the St. Paul Apartments, Baltimore, Maryland, on June 16.

Born in Worcester County, Maryland, in 1862, he lived there until 1907 when he moved to Baltimore, and was for many years with the Commonwealth Construction Company.

His widow and one daughter survive.

R. H. Wilbur, '85

Col. Rollin Henry Wilbur, who retired as vice-president and general manager of the Lehigh and New England Railroad Company on November 1, 1937, died in Bryn Mawr Hospital on September 6. He was stricken with a stomach ailment on board the Ile de France when he was returning from a two month's vacation spent in France, Switzerland and England.

Col. Wilbur was born in Bethlehem on September 3, 1863, the son of Elisha Packer and Stella (Abbott) Wilbur. He was educated at Mount Pleasant Military Academy, Ossining, N. Y. and, after his graduation in 1880, took a special course at Lehigh University.

He began his business career as a clerk in the office of the general superintendent of the Lehigh Valley Railroad in Bethlehem, and became successively assistant to general superintendent, assistant to the second vice-president of the same road, assistant to the general manager of the Philadelphia and Reading, now Reading Company, assistant to the third vice-president and general division superintendent of the same road and later became General Division superintendent, general superintendent and general manager of the Lehigh Valley. In October, 1907, he was elected vice-president and general manager of

the Lehigh and New England Railroad Company, which office he held at the time of his retirement. He completed fifty years in railroad service, during which time he was a member of many railroad organizations and was widely known in railroad circles throughout the United States.

In addition to his railroad activities, Col. Wilbur was active as vice-president of the Lehigh Coal and Navigation Company, vice-president, Lehigh Navigation Electric Company, president Clear Water Springs Water Company, president and director Jefferson Coal Company, vice-president and director, Blue Ridge Real Estate Company, director of Tradesmen's National Bank and Trust Company, all of Philadelphia and director of Sayre Land Company and Sayre Water Company of Sayre, Pa., and director of the Packer Coal Company of Bethlehem.

He was on the staff of Governor Patterson and Governor Hastings, with the rank of Lieutenant Colonel in the National Guard of Pennsylvania.

He was a member of the Society of Colonial Wars, a Military Order of Foreign Wars, Sons of the Revolution, the Historical Society of Pennsylvania, American Institute of Mining Engineers, Philadelphia Club and the Penn Athletic Club.

He is survived by his widow, the daughter of the late president Lambert of Lehigh, and by his daughter, Mrs. Dorothy MacSherry. Four brothers also survive him.

H. H. McClintic, '88

After an illness of only a few days, Howard Hale McClintic, C. E., '88, died on August 5, 1938, at the West Penn Hospital in Pittsburgh, Pa.

Born 72 years ago in Lewistown, Mifflin County, Pennsylvania, he came to Lehigh in the fall of 1884 to study engineering under the famous Mansfield Merriman. A serious and diligent student, he nevertheless found time to play baseball and on account of his great height he was an ideal first baseman. While at college he met and became a close friend of a classmate, Charles Donnell Marshall who was destined to be associated with him during almost his entire career.

In 1900 when McClintic was manager and Marshall chief engineer of the Shiffler Bridge Company of Pittsburgh, the late Andrew Mellon became interested in them and with his financial backing they created the McClintic-Marshall Company destined to become the greatest independent steel fabricating company in the world with plants in Pottstown, Carnegie, Leetsdale, Buffalo, Chicago and Los Angeles. In 1931 the McClintic-Marshall Company was merged with the Bethlehem Steel Company.

Mr. McClintic was vice-president of the Pittsburgh Securities Corporation, the Union Shipbuilding Company and the Hughes-Foulkrod Company and a director of the Koppers Company and of the Fidelity Trust Company of Pittsburgh. He was a member of the Carnegie Hero Award Committee, a director of St. Margaret's Hospital and a trustee of Lehigh University. He was a member of the University, Duquesne, Pittsburgh Golf and Fox Chapel Golf Clubs.

Mr. McClintic is survived by his widow, Mrs. Margaret McCulloch McClintic, one daughter, Mrs. George H. Lowe and three sons, Howard H., Robert H. and Stewart McClintic.

J. D. Forster, '89

John Douglas Forster died July 16, 1938, after a lingering illness, at the home of his cousin, Miss Caroline J. Buel, near Elverson, Chester County, Pennsylvania.

He was born in Harrisburg, Pa., Oct. 12, 1866. He was a son of the late Benjamin Law Forster, and grandson of General John Forster.

He prepared for Lehigh at Harrisburg Academy. After leaving Lehigh his first engineering work was on the location and construction of the electric car line between Harrisburg and Steelton, the first in that section.

In 1891, he went with the noted engineer, Col. William F. Shunk, to aid in the construc-

tion of a railroad on top of the Andes, in South America. Later he engaged in engineering work in the Philippines following the Spanish-American War.

On returning to America he successively resided for a time in Virginia, engaged in farming on the eastern shore of Maryland and engaged in map-making for the United States Government in Washington.

He also did government work in Nicaragua and Haiti, having remained in the latter country some fourteen years.

On again returning to the United States he made his home with his cousin, Miss Buel, near Elverson, Pa., where he died.

He was unmarried, was a former member of both the Harrisburg Club and the Harrisburg Country Club.

A. W. Stockett, '89

Alfred Walton Stockett, C. E., supervisor of the AAA soil conservation program for Sarasota county and prominent in the rural life of the community, died at his home, Stockwood, Sarasota, Fla., on July 4. He was 70 years old.

His sister survives him.

F. R. Coates, '90

After a long illness, Frank Raymond Coates, B. S., '90, E. M., '91, died at his home in Avon, N. J., on June 28, 1938. He was 69 years old on June 20th, last.

Born in Philadelphia, Frank Coates came to Lehigh in the fall of 1886 when he was 17 years old. During his college years he attained the great stature that made him an outstanding guard in football and weight man in field sports during his final years in college. He never lost his great interest in athletics and did much to foster them in his later life.

He began his engineering career as a rodman in the engineering corps of the Baltimore and Ohio Railroad. He advanced rapidly in the railroad world, finally becoming chief engineer of the Chicago Great Western Railroad. In 1910 he became vice-president of the Inter-Ocean Steel Company at Chicago and president of the Toledo Railways and Light Company, a Doherty interest.

From then on until his death he was a close associate of Henry L. Doherty, the founder and president of the Cities Service Company. Coates became a director of this company and an officer or director of almost a score of other oil, gas and power companies.

He was a member of the Phi Delta Theta fraternity, president of the Ohio Society of New York, director of the American Society of Civil Engineers, the American Petroleum Institute, the American Railway Engineering Association and a member of the Engineers, Recess, Whitehall, Bankers, Fraternities, Lotus and Metropolitan Clubs of New York. Until his resignation a year ago on account of ill health he was a corporate trustee of Lehigh University.

He is survived by his widow, Mrs. Julia B. Coates and a daughter, Miss Helen Adele Coates.

F. W. Roller, '94

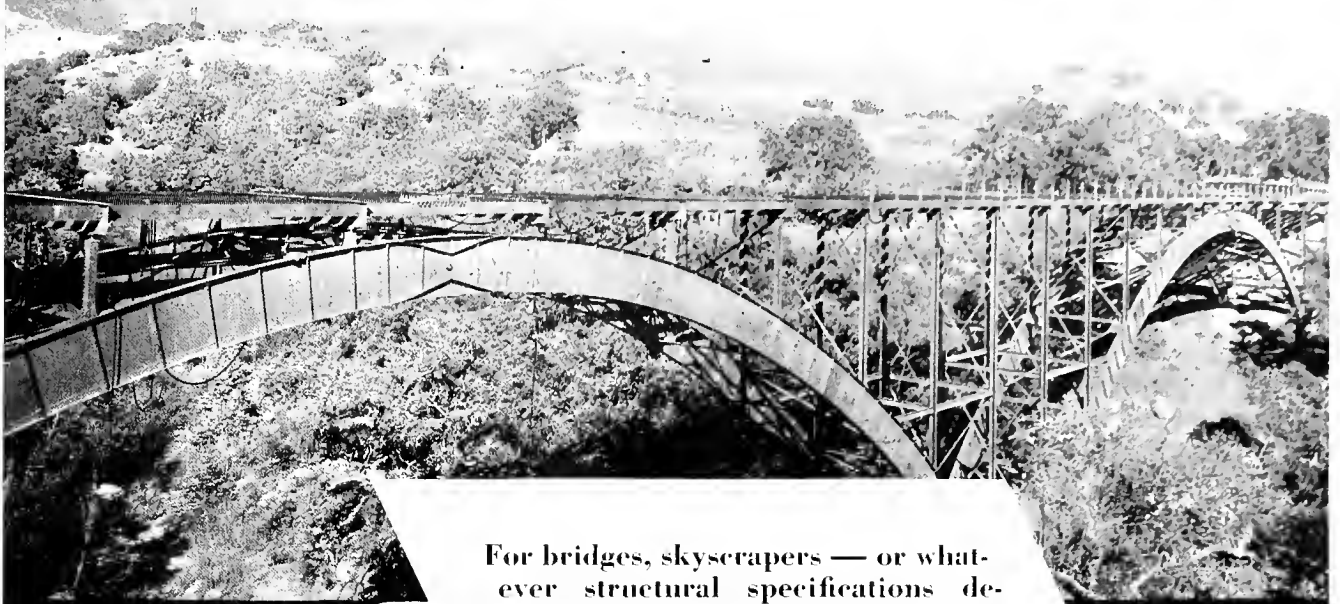
Frank William Roller, M.E., died suddenly on August 20, 1938, at his summer home in Northport, L. I.

Entering Lehigh in the fall of 1890 he proved to be an excellent student and was elected to Tau Beta Pi in his Junior year. He later attended the U. S. Naval Academy at Annapolis and during the Spanish-American war served as chief engineer on the U. S. S. Nashville. During the World War he was deputy chief of the Ordnance Department in Washington with the rank of Colonel.

In 1908 he and David H. Smith, M.E., '03, founded the Roller-Smith Company, dealers and manufacturers of electrical apparatus, and during the same year the company constructed its plant on West Market Street in Bethlehem.

He was a chairman of the board of the Sargo Manufacturing Company with headquarters in New York City. He was also president of the Invex Company. He was a fellow in the American Institute of Electrical Engineers.

STEELED AGAINST WEAR



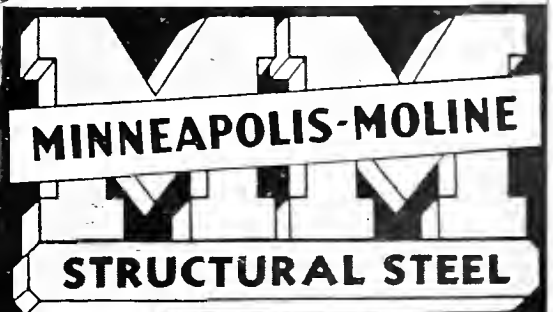
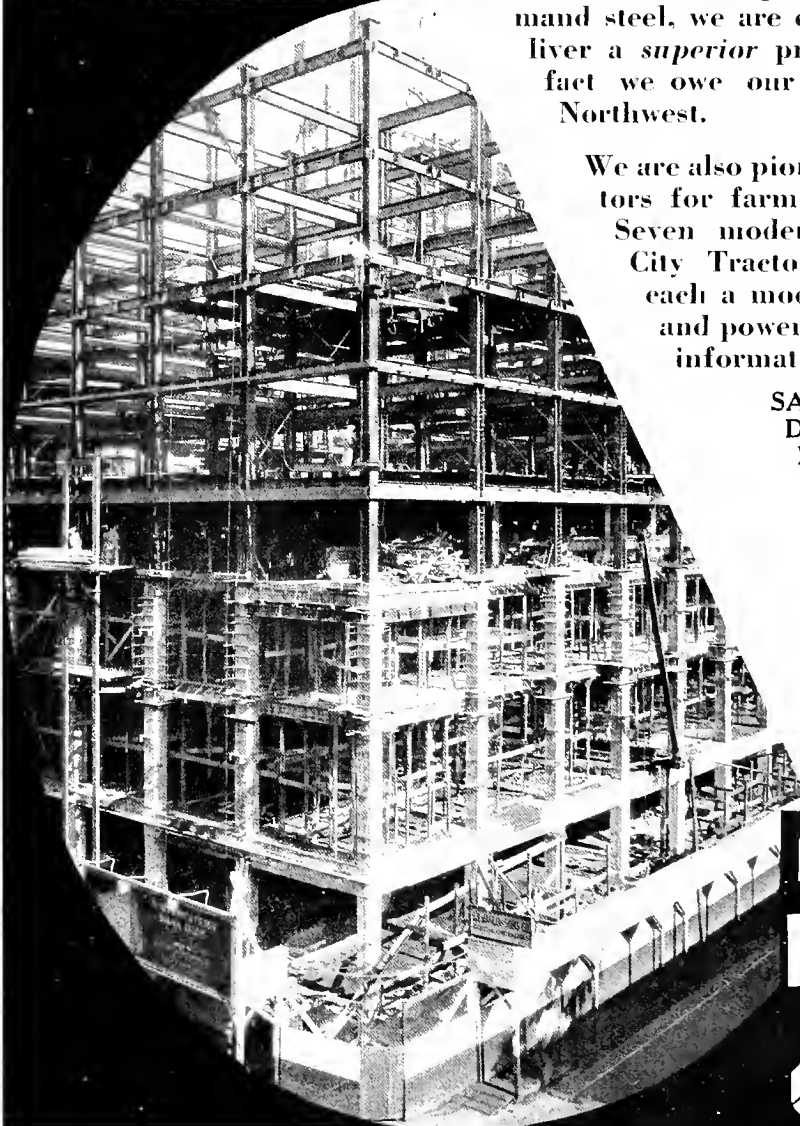
For bridges, skyscrapers — or whatever structural specifications demand steel, we are equipped to deliver a *superior* product. To this fact we owe our position in the Northwest.

We are also pioneer builders of tractors for farm and industrial uses. Seven modern types of MM Twin City Tractors to choose from — each a model of “balanced weight and power.” Write us for complete information.

SALT LAKE CITY, UTAH
DENVER, COLORADO
LOS ANGELES, CALIF.
SAN FRANCISCO, CALIF.
GREAT FALLS, MONT.

MINNEAPOLIS-MOLINE
POWER IMPLEMENT COMPANY

W. C. MacFarlane, '04, President
Minneapolis, Minnesota



He is survived by a brother, Harry Roller, of Berkeley, Calif.

Joseph Wheeler, Jr., '91

Col. Joseph Wheeler died suddenly on August 6, 1938 at his home in Wheeler, Ala. He was 60 years old.

Col. Wheeler was a veteran of the Spanish-American and World Wars and was the son of the Civil War Confederate leader, General Joseph Wheeler.

Three sisters survive him.

H. A. White, '95

Harry Amasa White, F. E., died on July 25, at his home in Philadelphia of heart disease. He was 60 years old.

After graduating from Lehigh he entered the firm of White and Brother, Inc., which had been founded by his father. The business is now known as the White Bros. Smelting Corporation. He retired from active business in 1929.

He was at one time president of the Philadelphia Lehigh Club and was an organizer of the former Oxford Bank and Trust Co. of Frankford, and a member of the Oak Lane Presbyterian Church.

His widow, a son Henry B. White, '26, a brother, C. B. White, '05, and a sister survive him.

W. L. Archer, '09

William Lippitt Archer, C.E., died on July 24, 1936.

He was a civil engineer with Lewis and Archer, Inc., and had also been employed by the General Electric Oil Furnace Company. While at Lehigh he was a member of the Sigma Chi fraternity.

His widow, a son, William, '41, and two daughters survive him.

A. J. Standing, '10

Alfred J. Standing, Sr., E.E., superintendent of the Electrical Department of the Bethlehem Steel Company, died in St. Luke's Hospital on September 2, of a heart attack. He was 54 years old.

After graduating from Lehigh, Mr. Standing began work immediately with the Bethlehem Steel Company. In 1915 he was made assistant to the superintendent of the electrical department of the Lehigh Plant.

In 1917 he became superintendent of the electrical department of the Saucon Plant, and in 1932 was promoted to the position of superintendent of the electrical department of the entire Bethlehem Plant.

He was active in technical societies and in 1928 was president of the Association of Iron and Steel Engineers. He was also an active member of the Philadelphia branch of the same organization. He was a member of the Masonic order, of the North Side Presbyterian Church (Bethlehem) and of the Theta Theta Phi fraternity.

A son and a daughter survive him.

N. H. Wasser, '21

Norman Henry Wasser, Ch.E., died on August 17 at the home of his father, O. J. Wasser, near Seidersville. Death followed an illness of seven months.

Born in Hellertown, April 1, 1899, he prepared for Lehigh at the Lower Saucon High School and after graduating from the University was employed by the Lehigh Foundry Company in Easton, as a chemical engineer.

He was a member of the American Legion Post, No. 406, Fountain Hill and was a prominent member of the Masons.

J. R. Morris, III, '26

James Reed Morris, 3d, B.S. in Bus. Ad., died on July 20, of injuries received in a diving accident at Lake Chautauqua. Mr. Morris dislocated several vertebrae in his neck when he struck the lake bottom after a dive from his boat off Bemus Point.

Mr. Morris was president of the Toledo Bottle Cap Company until its voluntary withdrawal from business a year ago after labor difficulties. Lately he had been developing other business plans from an office in the Nicholas Building in Toledo.

Aviation was one of his interests, and he held an amateur pilot's license. He was a member of the Country Club, the Carron Hunt and Polo Club and the Toledo Club. While at Lehigh he was a member of the Phi Gamma Delta fraternity.

His widow, two daughters, a son, and his parents survive him.

A. R. Loeser, '27

Word has been received in the Alumni Office of the death of Albert Richard Loeser some time last spring. No additional details are available.

R. J. Manner, '27

Richard J. Manner, E.E., died in Johnstown on July 2, of a heart ailment.

Born in Hartford, Conn., in 1906, he prepared for Lehigh in the Bethlehem schools. After receiving his degree from the University, he went to Johnstown where he became affiliated with the Cambria plant of the Bethlehem Steel Company. He was foreman in the car shops and assistant foreman in the axle plant.

He is survived by his widow, his parents, a brother and a sister.

C. P. J. King, '30

Charles P. J. King, B.S. in E.E., died at Sioux Falls, S. D., on September 11. King was taken ill with typhoid fever on August 18 while on a wedding trip by automobile to the Far West.

For several years King taught mathematics at Upper Merion Gulph Road High School and was president of the Upper Merion branch of the National Education Association. In his public school and collegiate career he achieved exceptional honors, graduating from Whitehall Township High School with the honor group in 1926 and with honor from Lehigh University in 1930. He was a member of Phi Beta Kappa. He took a post-graduate course in education at Muhlenberg in 1931 and received a master's degree at the University of Pennsylvania in 1936.

Born in West Catasauqua, (Pa.) he is survived by his widow, his mother, two brothers and three sisters.

MARRIAGES

CLASS OF 1914

Richard Brady to Miss Mary Reynolds on August 27, at the Holy Infancy Church, Bethlehem.

CLASS OF 1920

A. J. Sugar to Miss Frieda Leonore Checket, of Baltimore, Md., on June 30.

CLASS OF 1922

Walter T. Shearer to Miss Minna A. C. Turton, on September 3 at Freehold, N. J., Episcopal Church.

CLASS OF 1924

E. J. Garra to Miss Martha Jane Ludes of Harrisburg in St. Patrick's Cathedral, on September 14.

CLASS OF 1930

Ralph W. Barthold to Miss Marian Gruver, of Stroudsburg, on July 8.

CLASS OF 1932

R. H. Zinser to Miss Hall, of Hays, Kansas on January 9, 1938.

CLASS OF 1933

Atwood J. Ricards to Miss Virginia Linda-berry, on September 10, in St. Stephen's Lutheran Church, Bethlehem.

William E. Somers, to Miss Marion Mack on August 20 in Wesley Methodist Episcopal Church, Bethlehem.

CLASS OF 1934

Ben L. Bishop to Miss S. Wilma Steuer on September 17 in Packer Memorial Church.

John W. Kight to Miss Mary Mildred McAtee on July 23, in Pittsburgh.

George W. Purdy to Miss Sara Elizabeth Martin on September 9 in Christ Episcopal Church, Teaneck, N. J.

H. M. Strub to Miss Genevieve Giering on August 1, in the Old Moravian Chapel, Bethlehem.

CLASS OF 1935

H. E. Lore to Miss Mary Otilie Heumann in Sewickley, Pa., on October 1.

L. P. Struhle, Jr., to Miss Margaret Cupitt of Westfield, N. J., on October 1.

Carl Dietz to Miss Janice Wilson of New Brunswick, N. J., on October 1.

Dan Ivins to Miss Mary Warner of Trenton, N. J., in the Valley Forge Chapel, on August 20, 1938.

Henry A. deMeli to Miss Sarah DePass on September 3, in Camden, S. C.

S. G. Goodrich to Miss Carolyn Hyde Ricker, on May 28 in Berwick, Maine.

CLASS OF 1936

H. B. Freed to Miss Lillian E. Brobst of Allentown on June 25.

John L. Kornet to Miss Ethel M. Mack on August 20 in Bethlehem.

David G. Samuels, Jr., to Miss Marian Hughes of Mt. Carmel in the Little Baptist Church in the Hollow, Balboa, Canal Zone on June 2.

Ernest W. Thorn to Miss Emily Luch on September 10, at the bride's home in Bethlehem.

CLASS OF 1937

Charles R. Allen to Miss Janice Laura Young of Philadelphia, on September 1.

Thomas E. Jackson to Miss Margaret Reiss, on February 27.

CLASS OF 1938

Richard M. Murphy to Miss Ruth Dyer Stindard on March 29 in Elkton, Md.

Joseph Pittenger to Miss Dolores Schwartz, on July 2.

BIRTHS

CLASS OF 1924

To Mr. and Mrs. J. B. Austin, a son, Peter Allison, on July 30.

To Mr. and Mrs. E. W. Baker, a daughter, Janet Eloise on August 4.

To Rev. and Mrs. G. L. Grambs, a son, David Lawrence on August 6.

CLASS OF 1926

To Mr. and Mrs. Kenneth Hoffman, a daughter, Nancy Dudley, on July 1.

CLASS OF 1927

To Mr. and Mrs. C. S. Comstock, a daughter, Carol Ann, on August 1, 1938.

CLASS OF 1928

To Mr. and Mrs. W. E. Connor, a son, William Stroud, on September 8.

CLASS OF 1929

To Mr. and Mrs. R. A. Visco, a daughter, Linda Baldwin, on August 14.

CLASS OF 1930

To Mr. and Mrs. W. W. TenEyck, a son, William Biddle, on July 16.

CLASS OF 1931

To Mr. and Mrs. Frank A. Stutz, a daughter, Johanna Barbara, on July 27.

CLASS OF 1933

To Mr. and Mrs. D. H. Anderson, twin sons on July 24, at West Penn Hospital, Pittsburgh, Pa.

To Mr. and Mrs. J. F. Houser, a son, James Joseph, on August 31.

CLASS OF 1935

To Mr. and Mrs. Curtis Bayer, a son, Peter Curtis, on July 18.

CLASS OF 1937

To Mr. and Mrs. D. C. Wright, a daughter, Roxlyn Grey, June 6.

CLASS OF 1938

To Mr. and Mrs. George Beck, a son, on August 15.

PERSONALS

CLASS OF 1884

A. Parker-Smith, Correspondent
Room 1009 Bar Bldg., New York City

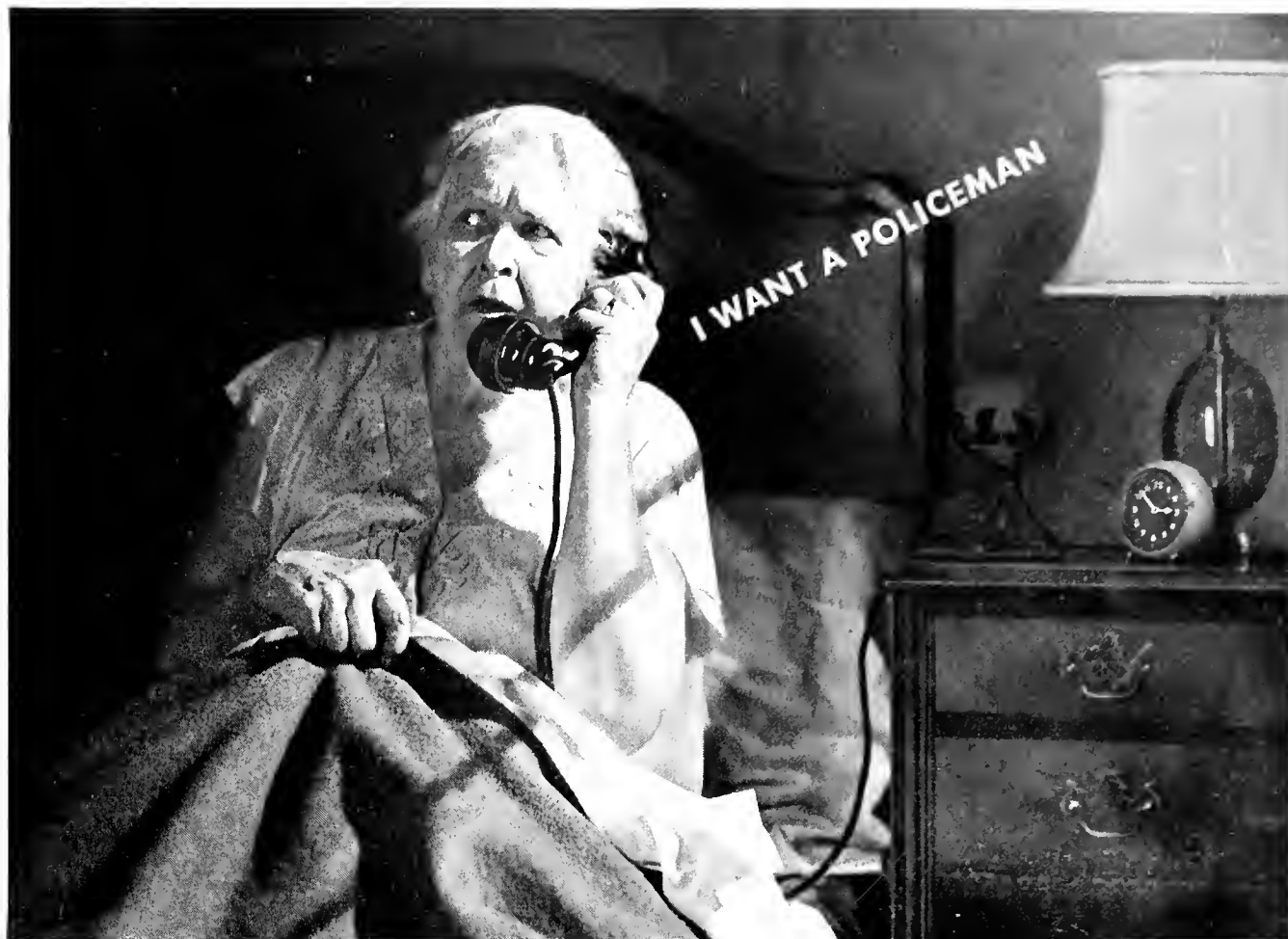
'84 is in the spotlight again.

Douglas, Henry B. (Harry Be Damned we used to call him in Freshman days) has written a book "*A Baronet's Quest*" published by Dorrance & Company, Philadelphia.

Douglas has been writing fiction, mostly about early America, for the magazines for some years since he retired from a life of activity in the mining engineering field, but this is the first time he has knocked at the door of the Book of the Month Club.

"A BARONET'S QUEST"

This new book deals with one of the most picturesque and romantic periods of Colonial America. Queen Anne's War was raging; Indian raids were the order of the day; and a forest ranger's life was in constant danger. When gay and debonair Sir Henry Warren, Bart., exchanged sword and court attire for rifle and huckskin to plunge into the American wilderness in the service of his queen, he did so gladly for his main purpose was a family affair. He had pledged himself to find a kinsman lost somewhere in the Colonies. In his wanderings from Carolina to Quebec the bright face of danger was ever before his eyes, and he tells his story in the bluff manner of Queen's Ranger. The reader will find plenty of action here, whether it be sword-play, the crackle of rifle fire, or the shrill scalp halloo in the mighty forests of a vast colonial empire.



Your telephone *won't let you down*

A suspicious noise in the night—you quietly reach for the telephone—you call for help.

Your voice carries through a great network of telephones, wires, cables and switchboards—and your call is answered.

This equipment was designed by Bell Telephone Laboratories and supplied by Western Electric, manufacturing unit of the Bell System.

For more than fifty years Western Electric has been meeting the Bell System's standards for high quality service. Constant improvement in manufacturing methods, and rigid tests at every step of the way, assure telephone equipment you can depend upon.



Every wire in every cable made at Western Electric receives many tests before it is acceptable for your service. Here is one of the final tests after the lead covering is applied.



This skilled worker is performing a delicate operation on equipment for a new telephone exchange. He joins thousands of wires that will carry your voice wherever there are telephones.

Western Electric

... made your
BELL TELEPHONE

CLASS OF 1889

G. W. Harris, Correspondent
12 Holland Terrace, Montclair, N. J.

At the beginning of this new scholastic year, it might not be amiss for the '89 Press Representative to announce a continued adherence to a "platform" which originated with an eminent literary authority—Rudyard Kipling—who said:

"When Omer smote his bloomin' ivre,
The hard men sing by land and sea,
And what 'F thought 'F might require,
'F went and took, the same as me."

With apologies to all laws covering plagiarism should an unintentional break be made.

BETHLEHEM Headquarters reports the following changes of address or occupations:

Laurel F. Chapman has folded his tent, left his old hideout at 617 W. 111st St., New York City and taken up his residence at Park Ridge, N. J., in the vicinity of the state's big park in Sussex County in which is located High Point with its monument.

Charles R. Huchman continues his residence at 1275 North Hill Avenue, Pasadena, California, and has become affiliated with the United States Steel Corporation.

Clarence Walker is still on the move having changed his residence from 2850 Leeward Ave., Herbert Arms Apartment, Los Angeles, California, to Apartment No. 9, Franconia Apartments, Francis Ave., Los Angeles.

Of the Metropolitan group:

Frank Carman and his wife spent the summer and early fall at Atlantic City, N. J., staying at Hotel Traymore. Their plans for the remainder of the fall and the winter are not announced.

Emil Diebisch, except for a two-weeks' trip in July, divides his time between his New York office and his Nutley, N. J. residence where his dog Sandy passes judgment on those desiring admittance to the premises which includes a fruit orchard.

Errence Hudson and his wife enjoyed a two-week trip to Cape Cod which has especially pleased them for a number of seasons—a season which is the bailiwick of the sacred town of the State of Massachusetts.

William A. Cornelius and his wife took a two-weeks sea cruise to the Gaspe Peninsula, returning by way of the Island of Bermuda.

CLASS OF 1890

H. A. Foering, Correspondent
Bethlehem Trust Bldg., Bethlehem, Pa.

The Class has again suffered a severe loss in dear old Coates. He has been President of the Class for many years, came regularly to reunions and get-togethers, was deeply interested in inquiring about all members, whether returning members or non-returning members. How we shall miss him. I hope his class spirit will animate its remaining ones to greater activity.

Riddick writes that he is letting up a little, that he has relinquished last year, the Deanship of Engineering, but is continuing with classes in Hydraulics. At a recent banquet meeting of the North Carolina Society of Engineers, Riddick had the honor of delivering the address.

I was glad to have a letter from Ritchie. He is blowing smoke around Pittsburgh, apparently the same old jolly fellow as when he spent his time on Lehigh's campus. Ritchie says he is 70. Lots of us have him beat. Riddick is up on him four years, and yours truly one year.

Pratt, in a recent letter calls to mind the days when Coates and Martin (both recently passed on) and himself as end played on the '90 football team. Coates established the college records for the mile walk (never broken I believe) and Pratt starred in running events. He urges all to hold on for the Fiftieth in 1940.

Duerr is a Consulting Engineer, living at 915 S. Carondelet, Los Angeles. For some time past Duerr has been working on a design for a rotary type incinerator for the purpose of taking care of municipal waste. A year ago the Public Works Department of the city of Los Angeles collaborated with Duerr in the building of a one ton per hour test unit, in accordance with his design. Tests for a period of three months proved satisfactory beyond all expectations. Duerr has just completed specifications for a five hundred ton plant to be built for the City of Los Angeles to be in operation within the year.

CLASS OF 1891

Walton Forstall, Correspondent
Rosemont, Pa.

Your correspondent has been away from hot cities and the rainy East since mid-June. First to Muskoka Lakes in Canada, then by plane from Buffalo to Denver, a very wonderful journey. For a month before this writing on September 15, the wanderings have led through Colorado,

Utah and Nevada to the Yosemite, Big Trees and the scenic ocean drive between Los Angeles and San Francisco, which city with its bridges lies ahead.

Next month's items will be written from Rosemont and will, it is hoped, not be so personal.

CLASS OF 1894

T. G. Empie, Correspondent
Box 772, Wilmington, N. C.

One gorgeous Indian Summer day in the fall of '90, two freshmen, one very verdant, strolled past the Chapel on the way to town and met two buxom maidens, which the more sophisticated freshman immediately engaged in lively conversation, in which his friend joined timidly. We parted and I turned around and said "Joe, who were those girls?" and he answered, "I never saw them before, I don't know them from Adam's off-ox." Kipling said that "Devon was the land of easy kisses" and certainly South Bethlehem was a land of easy acquaintances. I never heard anyone use the expression "Adam's off-ox" before or since, except myself, and every time I do there flashes the scene of this meeting. My companion was Joe Wheeler, Jr., son of the Confederate General "Fighting" Joe Wheeler, who died this summer of a sudden heart attack in his home town in Alabama, as a Colonel in the United States Army.

In '92, '93 and '94, a boy used to come in my room a few minutes before dinner with a pair of military brushes, and while we discussed philosophy and other deep subjects to which students are prone, he vigorously brushed a very curly mop of dark brown hair which was almost impossible to part. The last time I saw him he was wearing a natural part that time had given him. This boy was Frank W. Roller, who died very suddenly of a heart attack following acute indigestion at his home in Northport, L. I., August 21st. Roller was successful in his vocations and his avocations, of which he had many and being so modest and reticent, you scarcely found his hobbies out, except by accident. He was a Colonel in the Reserve Corps of the United States Army, I think of the Artillery Branch, owned a collection of revolvers and pistols, had a thorough knowledge of them and was a good shot. He was a collector of the books of William Henry Herbert, who wrote under the name of Frank Forester, an early American author whose home is now owned by the City of Newark, and to whom Roller gave a number of the books of this author, which the city was unable to procure. I had an engagement to motor this fall through the "Tom Daw" county, this being the place that many of Frank Forester's "SPORTING SCENES" were laid. He was talented, a credit to our class, and we will miss him.

It is more pleasant to note that there have been some temporary changes: Thos. W. Wilson would like his mail sent to 810 Hotel Dupont, Wilmington, Delaware; if you wish to find A. Y. Hesse go to 820 Taylor Street, N. E., Washington, D. C., and R. E. Smith has moved to 131 East North Street, Bethlehem, Pa.

CLASS OF 1895

Walter R. Okeson, Correspondent
Lehigh University, Bethlehem, Pa.

News! News!! News!!! How can a class correspondent fill a column if no one sends him any news and no class-mate writes a letter. I am greeted with a little type-written note from Miss Radman coldly informing me that there is not even a change of address by a '95 man since last June. The column must be filled. What to do?

Ah! An idea. Last January, Bob Taylor (Nellie Murphy's alter ego) and your humble correspondent decided to take the bit in our teeth and see to it that every '95 man got the BULLETIN. If two-thirds of the class sent in the money for subscriptions this would cost the class treasury nothing. If not, then the deficit would be made up out of a class treasury which Bob assures me has a balance of about \$45.00. It seemed a good bet as '95 is never far short of having two-thirds of its membership as regular subscribers to the BULLETIN. For instance, last year we had 51 subscribers out of 81 members. (See June-July issue of the BULLETIN).

Well, how do we stand? Since last January, 21 men of the class have paid their subscriptions. This looks meagre until you realize that most of the subscriptions of our classmates expire in October, November and December. Therefore, we should have a lot of subscriptions be-

T. B. Wood's Sons Co.

Chambersburg, Pa.



V-Belt Drives . . . Flat Belt Drives
Flexible Couplings . . . Clutches
Pulleys . . Rigid Couplings . . Bearings

CHAS. O. WOOD, '92

G. H. WOOD, '99

Permanent Opportunity

For one or two men in following cities — Allentown, Bethlehem, Harrisburg, Hazleton, Lancaster, Pottsville, Scranton, Sunbury, Wilkes-Barre, Williamsport and Wilmington. We are opening new offices to service clients in Central Pennsylvania and Delaware.

The men we are looking for are between 28 and 42, probably married and have enough enthusiasm and ability to do a man-sized job in an up to date businesslike way. Previous experience not necessary because each man will be thoroughly trained. National Advertising and other lead systems develop over 90% of our business. Financial help available if you meet our qualifications. Write or phone.

SAMUEL A. BUTLER, Manager

Phoenix Mutual Life Ins. Co.

35 N. 6th Street

Tel. 2-1009

Reading, Pa.



More Goods for More People at Less Cost

HAD the 7½ million people who bought new radio sets in 1937 been obliged to pay 1929 prices for them, the total cost to the public would have been \$700,000,000 greater than it actually was. In fact, the 7½ million sets of 1937 cost the public \$188,000,000 less than the 4½ million sets of 1929. And because radios cost less, more people could buy them, and the purchasers had more money to buy additional comforts and conveniences.

This is but one of many cases where industry has found ways to make better products at less cost. For instance, the 1½ million electric washers bought in 1937 cost the purchasers 2 million dollars less than the million bought in 1929. The 1,200,000 electric fans bought in 1937

cost the purchasers \$700,000 less than about half that number bought in 1929. And in this same period hundreds of other manufactured products, because of improved manufacturing methods, have been reduced in cost so that more people can have more of the good things of life.

This process of creating *real wealth* has brought to America the highest standard of living ever known, and it is this process which must continue if even higher standards are to be attained. General Electric scientists, engineers, and workmen are contributing to this progress. By developing new and better ways to use electricity for the benefit of the public, they are constantly providing More Goods for More People at Less Cost.

G-E research and engineering have saved the public from ten to one hundred dollars for every dollar they have earned for General Electric

GENERAL  ELECTRIC

1938 — OUR SIXTIETH YEAR OF MAKING ELECTRICITY MORE USEFUL TO YOU — 1938

tween now and January 1 when our guarantee will be called on in case we are short.

We need a total of 53 subscriptions if we are to avoid trenching on the treasury. Three more than last year if every chap who subscribed last year comes through again. How about it? Do we make good? Well, '95 has never failed and old as we are and lacking, as we may be, in youthful fire, we are still the most loyal class ever graduated from Lehigh. Am I right? Such a question would be amusing if it were not so silly.

CLASS OF 1896

W. S. Ayars, Correspondent
409 Engineering Bldg., Columbia Univ.
New York City

This column is being written on the seventh day of September, though it is not due until the sixteenth. But I have just received the usual letter from the BULLETIN editorial sanctum with "due dates" for the academic year 1938-39 and a bunch of slips with news items that have managed to percolate into the Alumni Office during the summer. These may be summarized as follows:

Bob Laramy, retired, is now living at 643 N. New Street, Bethlehem.

Lawrence J. Bordon, also retired, may be reached by mail at 1699 Cambridge St., Cambridge, Mass.

Henry F. Russell's present address is 526 Mission St., South Pasadena, Calif.

C. C. Rutter is reported as having no address. Can anybody enlighten us as to his present whereabouts?

J. H. Myers is in the same category as Rutter.

Well, that is all the dope that has come from the Alumni Office. I might add that my letter asks me—or rather states—that "we will appreciate it if you will keep your copy under six hundred words, if possible." I will take time out to count.

Without checking back, I make it 247 to the word "count." That leaves me leeway for some

more if I can find any. I might say that nobody of the Class of '96 has written me a word except my very good correspondent, Cully. Also, Pop Pennington drops a line now and then, but not nearly so often or so saucily as he used to. I reckon Pop is really suffering from senile dementia, complicated with a psychosis about bands and sousaphones. I can, of course, fill up a lot of space with the short and simple annals of your present scribble, but I don't fool myself with the belief that such an account would be of the least interest to the base, sophisticated and practically illiterate membership of my class. And anyhow, I didn't do anything during the long summer vacation that was at all novel or exciting. Mrs. Bill and I did manage to drive to Buffalo and back for a visit to my daughter and my granddaughter. We made no attempt to break any records, taking slightly over two days to get there, and three to come back. On the return voyage, we stopped overnight with Sam Dessauer in Montrose, and thoroughly enjoyed Sam's bountiful hospitality.

CLASS OF 1897

J. H. Pennington, Correspondent
P. O. Box 159, Trenton, N. J.

God rest you, Little Bathing Girl,

Your summer's work is done;

Now that it's Fall, you're free to crawl

Out of the torrid sun;

This season's work has been your best;

Put on your clothes and take a rest.

So rest you, Little Bathing Girl,

And since through all these days

You've never let your suit get wet

And braved actinic rays,

Now that the Sun is growing dim,

Come be a sport—and take a swim.

The above classic by McKinney is quite abbreviated, but is in tune with the actions of many of us. We go to the shore and play the role of the "Darling Daughter." We go to the shop or office and tire ourselves out by doing all the work we can. We witness a baseball game

and insult the players for not hitting, when we could not hit a basketball ourselves. Oh, well! why bother? We could write a book of sermons on our shortcomings, and the World would remain still unreformed. Perhaps I feel a little peeved because Bill Ayars wrote his letter about two weeks ahead of time, and took only ten minutes to do it, while it requires several days for me to write six hundred words—and then the Goddess of the BULLETIN tells me to confine my brilliant effusions to six hundred words, if possible. That surely is rubbing it in.

You remember that '97 presented Mrs. Cornelius, the charming wife of "Billy," with a vase of roses at the ladies Alumni dinner, last June. This was in recognition of her interest in Lehigh, and her highly successful work in keeping "Billy" up to standard. Well, I just want to say that we have a very charming letter of acknowledgement from Mrs. Billy, but as per mandate from above Goddess, we do not have room to publish it.

I have a letter from Mag Megraw, who is convalescing from a serious illness, which in no way affected Mag's brilliance of expression.

I also had a nice letter from Kid Brady. His permanent address is still Cleveland, and we are hoping to see him again on the campus, at one of our reunions.

Again I entered a scion of the house of Pennington as a Freshman this Fall, just forty-five years after we entered. Can you believe it?

P.S. The band still needs and deserves those two Sousaphones.

CLASS OF 1898

David H. Childs, Correspondent
Camptown, Pa.

Well, fellows, that was a great reunion. The June Alumni BULLETIN told what we did, who was there, and who elected to office. But it did not tell what we all know, that the success of the event was but the grand climax to five years of splendid service, the best we've ever had, from our Secretary-Treasurer, "Roots" Daggett. Yes, we all know it. Here's how a few of the fellows put it: Kneas says, writing to "Roots,"

MANHATTAN

RUBBER PRODUCTS

for

INDUSTRY

Transmission Belt

Conveyor Belt

Hose for every service

Molded Goods

Rubber Linings and Coverings

Brake Linings and Clutch Facings

Abrasive Wheels

★

William Warr, '95

THE MANHATTAN RUBBER MFG. DIVISION
OF RAYBESTOS-MANHATTAN, INC.

EXECUTIVE OFFICES AND FACTORIES, PASSAIC, NEW JERSEY

BENJAMIN

is THE NAME

in Lighting and Floodlighting

The name BENJAMIN stands for leadership in Lighting and Floodlighting Reflectors for Industry, for gasoline Service Stations, for signs, and for sports fields. More Lighting specifications call for Benjamin. More architects and industrial men specify Benjamin, more electrical contractors buy Benjamin. When you think of lighting reflectors for replacement or for Light Conditioning to highest modern lighting standards, think of Benjamin, the world leader in industrial lighting.


BENJAMIN

LIGHTING EQUIPMENT

Distributed Exclusively Through Electrical Wholesalers

B. G. Kodjbanoff, '98
Benjamin Electric Mfg. Co.
Des Plaines, Illinois

Distributed in Canada
by Amalgamated Electric Corporation, Ltd.





"Dedicated to an ideal...Planned for a thousand tomorrows"

THE students don't stop to think about it now. Studies and pleasure too are demanding things for youth.

But they'll see it in time just as we alumni see it now.

Take the new Richards House for an example. It's a mighty fine dormitory and everything has gone into it to make a campus home for 144 young Lehigh men who are living there.

The students will take it in their stride just as we did the improvements of our day. They won't stop to marvel that such a building is there for their use. Ask them where they live and the answer will be "Richards." That's all there is to it.

Give them time. The picture will change just as it has for us.

Perhaps some of them may think a little about that bronze plaque over the fireplace in the reception room whose words are reproduced on this page . . . wonder, perhaps about this man Richards whom they have never seen.

True, they can't look back to 1922 as we can and see a square-jawed, purposeful man facing the problem of building a great University out of a good one . . . spend the years with him as he achieved his aims . . . and share his vision of a still greater Lehigh of the future.

For we as alumni had a part in it. Our shoulders were placed to the

**THAT
THE OCCUPANTS OF
THIS HOUSE
MAY BE INSPIRED TO LIVE
MORE EFFECTIVE LIVES
THROUGH
CLEAR THINKING
AND CLEAN LIVING
AND THUS TO RENDER A
LARGER SERVICE
TO THEIR FELLOWS
IS THE EARNEST HOPE
OF
CHARLES RUSS RICHARDS**



wheel as the Memorial Building rose, one of us donated the great Packard Laboratory, with our help the library was remodeled and improvements followed close upon each other.

No, we don't usually talk much about it. Perhaps that's why it takes time for the younger Lehigh men to get the idea. But in time, they will.

Then they can look back at Richards House, see the years of hoping and planning that went into its construction. For Lehigh plans not only for the all-important "today" which each student lives, but for a thousand tomorrows and a new generation of sons.

They will realize that their building was dedicated to an ideal of service visioned by Dr. Richards as he sketched a huge student housing program for Crystal Springs Ravine. They will see the building as the first step in the program finally realized in Dr. Williams' administration.

But, by that time they will be alumni. They will know that the thousand tomorrows for Lehigh rest on their shoulders. Only through them can Lehigh go on to new heights. Just as we now devote time, effort and financial support to the University so will they realize that it brings a proud feeling to say, "I had a part in that."

Give them time. They will.

"What a reunion. Many thanks to you and the others for the splendid work you did in getting us together." Likewise "Jack" Horner writes, "You did a marvelous job; I appreciate it, and I congratulate you." Stockert speaks of the reunion as a "wonderful success," and compliments "Roots" on his attention to every detail, thus making our gathering so complete. And Perley says of the reunion, "Wouldn't have missed it for a million." Yes, "Roots," our hats are off to you.

Quite a number of the class missed the reunion, and have expressed their regrets in no uncertain terms. For their encouragement I have written them that we plan to have another next year and every year.

Clarence Barnard tells me, along with his regrets that he could not attend the reunion, that he expects a change of station next year, and hopes it will bring him East. So do we, Major, San Antonio, Texas is too far away.

"Mike" Gumsalus has been spending several weeks in northern Wisconsin. He sends me a picture of Minocqua, showing lakes fore and aft, and some more for good measure. What a country for a fisherman, eh, "Roots"?

I had a long letter from Billy Ulrich, telling me, too late for publication in the Class Book, the funniest thing he recalls of the years at Lehigh. He branded the story "unmentionable," and there isn't room for it here anyhow, but some day the tale may be told. He enclosed four pictures of his boys and fish they had caught, as if evidence were needed in support of the accounts Billy gives of the fishing in Minnesota. By the way, that's a fine pair of boys, Bill.

Several other changes of address than noted above have come to me. All such changes should be entered in your Class Book, either on the biography, or at the back of the book. Among them are:

Bolling H. Harrison, Garrison, Md.

A. O. Knight, 729 Orange St., New Haven, Conn.

J. C. Holderness, 437 No. Oleander Ave., Daytona, Fla.

CLASS OF 1899

Prof. A. W. Klein, Correspondent
43 Wall St., Bethlehem, Pa.

The following was received from Paul Hilken last May but too late for the June Bulletin: "News from Johnny Pettit, Littell and Herb Wood, which you published in the April issue prompts me, after a long silence, to add my share. Contrary to Johnny Pettit, I am most horribly insolvent, but as yet the sheriff has not caught up with me. I still keep my head above water, and hope, if my swimming holds out, to be numbered among those present at our forty-year reunion in June 1939.

"I regret that I cannot compete with Littell in the number of off-spring. Unfortunately, I am one shy, numbering only one son and three daughters. Gertrude is married and has one daughter, Henry, also married, after graduating from Princeton and getting his master's degree in economics, is teaching at the University of Kansas City and is writing a thesis for his Ph.D. Sally graduated from Smith and is Assistant Librarian in Baltimore. Theodora, the baby of the family—now 25—is an artist who may some day be heard from.

"You will appreciate that I envy those members of '99 who are not located in New York. My one longing is to get away from the Big Burg and settle in some small town or on a farm miles away from any one. But, for the present, I must continue with my nose to the grindstone as correspondent for Clarence Hodson & Co. Even though I consider that a representative of this old house is a public benefactor nevertheless in these parlous times it is difficult to find prospects who are appreciative of this fact and ready to buy even Hodson gilt-edge securities."

Paul's business address is now Room 603, 15 East 41st St., New York City.

CLASS OF 1903

E. R. Morgan, Correspondent
Lehigh Univ., Bethlehem, Pa.

"I do not recall ever having had such a fine friendly time and meeting with a crowd of such good fellows whom, I realize now that I am growing older, I did not half appreciate."

So writes one of your classmates regarding our 35th Reunion.

As I look back on our class dinner, it appears to me that there was something distinctly unusual about it. Other classes seemed to be having a much livelier time than we were having, but with us there was a feeling of companionship so noticeable that several classmates spoke of it. Perhaps we were all realizing in some measure that we had never before even half appreciated the friends who were seated around us.

How different this gathering was from the first dinner we had together at the Hotel Allen in the fall of 1899! Then, in the irrepressible first flush of manhood, the whole world lay before us, waiting to be conquered for the first time in history, by the only group ever gathered together that was capable of accomplishing the feat. Our attitude on this occasion needs no defense, unless human nature does, for we were thinking in the same way that our predecessors had thought and in the same way as all who followed us.

But now our thoughts are somewhat different. Even though we may still be thinking of success, we find that our ideas of it are somewhat altered. "Now that I am growing older!" This classmate did not say, "now that I am growing older." He is one who will always be growing older but will never grow old. He has found the fountain of youth and I suspect that his success is due in a large measure to the appreciation of others, which the ripening of the years has given him.

Begin making your plans for June, 1943, so that you, too, will never grow old!

CLASS OF 1905

W. H. Lesser, Correspondent
Clarks Green, Lackawanna Co., Pa.

Another year of reporting the activities of the 1905 Class begins with this issue, and we hope to do a better job than last year. It is obvious that the success of the column depends upon each one of you, so drop me a note regarding yourself and your family and do it now.

During the summer several of our men have moved—Nick Funk's new address is 1520 Spruce St., Philadelphia.

Walter Brown is now located in Ithaca, New York at 130 Dryden Road.

The HOTEL BETHLEHEM
STUART E. HOCKENBURY *Manager*
BETHLEHEM ★ PENNA.

Visit THE HISTORIC Pioneer TAPROOM
Murals By GEORGE GRAY



AMERICAN HOTELS CORPORATION · N.Y.
J. LESLIE KINCAID *President*

FORT PITT BRIDGE WORKS

Bridges . . . Buildings

Structural Steel Construction of All Types
Reinforcing Steel—Welded Bar Mats, Etc.

Plants: CANONSBURG, PA., and MASSILLON, OHIO

CAPACITY, 100,000 TONS PER ANNUM

GENERAL OFFICE: 20th Floor, H. W. Oliver Building, Pittsburgh, Pa.
OFFICE: 15 Park Row CLEVELAND OFFICE: Buckley Building
PURCHASING DEPARTMENT: Canonsburg, Pa.

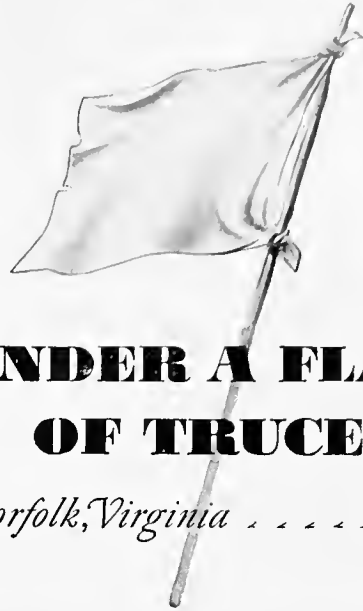
T. A. STRAUB, '90, President
H. R. BLICKLE, '93, Vice-President
SCHUYLER B. KNOX, '93, Mgr., N. Y. Office
P. B. STRAUB, '97, Secy. and Treas.
A. SHELTON, '93, Asst. Chief Engr.
N. G. SMITH, '06, Engr. Contr. Dept.
E. K. ADAMS, '16, N. Y. Office
D. B. STRAUB, '28, Erection Dept.



NORFOLK WAS UNDER a state of siege. Before communication with the outside world was disrupted, the New York Life's Home Office was notified that two of its policyholders in the city had died. Prompt payments would relieve distress. But how could they be made under these conditions?

UNDER A FLAG OF TRUCE

Norfolk, Virginia . . . 1862



THE OPPOSING ARMIES recognized the humanity of life insurance . . . suspended hostilities . . . allowed a representative to pass through the lines under a flag of truce in order to establish a contact and make arrangements with the beneficiaries within the city of Norfolk for the payment of these claims.



ONE OF THE BENEFICIARIES later came to New York to express her appreciation. She carried a letter from Mayor William W. Lamb of Norfolk. He wrote: "Your prompt payment has sustained the high reputation of your Company in this community which I hope it will continue to enjoy."

THE New York Life has a long record of fidelity in meeting its obligations to policyholders; and in investing it adheres to the principle that safety should always be the first consideration. These are among the reasons why the Company continues

to merit the confidence of its policyholders . . . why a New York Life policy is one of the best investments you can make . . . why the agents, in offering the benefits of New York Life protection, render a valuable service to the public. This Company is now

selecting qualified college alumni to augment its field organization in its various branch offices. If you think that you, or someone you know, might be interested, the Company will be glad to forward a copy of a 48-page book entitled "A Career as a Life Underwriter."

SAFETY IS ALWAYS THE FIRST CONSIDERATION...NOTHING ELSE IS SO IMPORTANT

NEW YORK LIFE INSURANCE COMPANY

A Mutual Company founded on April 12, 1845

THOMAS A. BUCKNER, *Chairman of the Board*

51 MADISON AVENUE, NEW YORK, N.Y.

ALFRED L. AIKEN, *President*

The central news service reports John Henley Walker to be District Engineer of the State Highway Department. He lives at 3616 Hawthorne Ave., Richmond, Virginia.

My family is being educated. Bill is a senior at Lehigh and Elizabeth enters Sweet Briar College this year. The reason for Sweet Briar for Elizabeth is that Mrs. Lesser is a loyal Virginian.

CLASS OF 1907

J. B. Carlock, Correspondent
1201 Beechwood Blvd., Pittsburgh, Pa.

The past summer has been particularly barren of news about 1907 men so far as I am concerned. This is the first one in many years that I haven't seen some of you fellows. All the news I have to report now are these items which the Alumni Office kindly furnished. I will certainly appreciate it if a few of you will take the time and trouble to drop me a few lines.

T. E. Hayes, Jr., who is a Construction Engineer with the U. S. Treasury Department is at present in charge of construction of the U. S. Post Office and Court House, Glasgow, Montana.

J. E. McDevitt, who represents the Chicago Fire Brick Co. in the New York City District is now located at 607 W. 29th St., N. Y. C.

D. H. Lamke's new address is 181st St. James Place, Brooklyn, N. Y.

Two of the gang are down in Miami Beach, Florida; E. R. Treverton, living at 3717 Royal Palm Ave., and M. H. Uman at 5969 North Bay Road.

J. T. Waddill has moved his office to 1011-1012 Times Dispatch Bldg., Richmond, Virginia.

CLASS OF 1908

W. D. Sanderson, Correspondent
Box 175, Pittsford, N. Y.

Only five more years to our thirty-fifth reunion!

With the above motto held before him, like the proverbial apple on the fish pole ahead of the old gray mare, your C. C. starts another year. If the past is any criterion, this column will contain the figments of his vivid imagination rather than the constant contributions of classmates. However, after thirty years on any job, one develops a certain routine of habit—

The memories of the very successful THIRTIETH being still fresh in the mind, it's cheering to look forward to the Big Midwinter Reunion in Havana, Cuba next February. Full details will be broadcast in the near future.

George Brothers has returned to Oak Hall, Ware Neck, Gloucester County, Virginia, for his winter vacation.

Howard Hipwell is designing engineer, department of city transit, City Hall Annex, Philadelphia and lives at 6318 City Lane Ave., Philadelphia, Pa.

Frank Schumann is enjoying life in the big open spaces; his address being East Long Lake Road, Bloomfield Hills, Mich.

Lewis Heck's new address is 2021 O St., N.W., Washington, D. C. The O is as in Oh, yeah!

Cecil G. (Mose) Shields is living in New York City and has promised to attend the next reunion lunch which will be held there this Fall.

Chairman Jim Fair has appointed a special Havana Reunion sub-committee as follows:

J. Raefel Geno, Chairman

Ernesto Sanchez, Secretary,

A. A. Goytsolo, Vice-chairman

and the following others: Louis Antonsanti, Marcelino Aragon, Eduardo Beato, Juan Fernandez, Gregorio Flores, Joseph Lores, Leonico Mosquera, Frederico Muller, Eduardo Nunez and Camilo Saenz.

In case you missed it in the newspapers, Oram Fulton was recently elected President of the American Steel Warehouse Association.

CLASS OF 1912

E. J. Burnell, Guest Correspondent
Link-Belt Co., Chicago, Ill.

Ralph L. Aman is now Senior Partner of G. M. Aman Sons, located in the Land Title Building at Philadelphia. His home address is 114 Rummynede Avenue, Wayne, Pa.

Carlton Cann is now President of the Washington Ply-Rite Company, 231 Barr Building Washington, D. C. "Bud" will be very happy to see any of his classmates should they be passing through Washington; in fact he will have no objection to their calling at his residence, 4401

Penhurst Avenue, Baltimore, Maryland if they happen to be going through.

Edwin Love's new address is 1001 Fifteenth Street, N. W., Washington, D. C.

"Runt" Rebert has just been transferred from Detroit to Buffalo and made District Sales Manager of the Great Lakes Steel Corporation. He is located at 1000 Walbridge Building, Buffalo, N. Y. "Runt" will appreciate receiving inquiries of all sorts for strip steel as well as other products of the Great Lakes Steel Corporation.

W. R. Seyfried is now with the U. S. Phosphorus Products Company located at Tampa, Florida. He will be very happy to show any of you passing through Tampa the beauties of the West Coast.

Horace Porter reports his new business address as 505 Wildwood Avenue, Jackson, Michigan.

C. R. White is now located at 423 District Building, Washington, D. C.

C. F. Lincoln is headquartered at 421 Walnut Street, Philadelphia, Pa.

Geoff Saeger is Chief Chemist and Chemical Engineer of the Gulf Portland Cement Company at Houston, Texas.

Irving Samuels has proven to be one of the most successful business men in the class. Irving is President and Treasurer of the Automatic Devices Company of Allentown, specializing in the manufacture of automatic electrical equipment for stages and projecting rooms, theatres, schools and auditoriums. Irving is operating plants in Allentown, Pennsylvania and Bloomfield, New Jersey. His hobbies are—business in the daytime and poker and pinochle at night. His son will enter Lehigh with the Class of 1942.

CLASS OF 1913

E. F. Weaver, Correspondent
1601 Union Blvd., Allentown, Pa.

Here goes for the first write-up of another scholastic year, and as I still find my thoughts drifting back to that grand old 25th reunion last June, I can't help but start out by quoting in part from a letter I received from H. R. Griffin, a few days after the reunion, as follows: "But



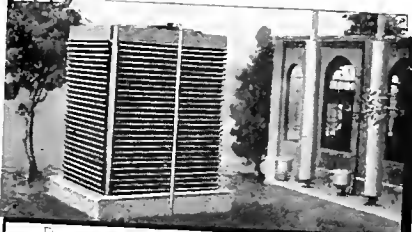
MARLEY Water Cooling
Meets Your Exact Requirements

LARGE or Small

Call in a **MARLEY Expert**

for a thorough study of your cooling problem. His recommendations are based on years of research and the broadest experience in the field. An inquiry costs nothing, incurs no obligation and may result in important savings.

This MARLEY forced draft tower serves the country's largest diesel plant which houses five giant engines totaling 35,000 horsepower.



Diesel engine jacket water for this small municipal power plant in Ohio is cooled by the MARLEY spray tower in the foreground.

The MARLEY Company
Fairfax Road and Marley Ave., Kansas City, Kansas
Sales Offices or Agents in Principal Cities

THE BODINE CORPORATION

Manufacturers of
**Dial Feed Automatic Drilling,
Tapping, Screw Inserting and
Special Machinery**

"Let Bodine Help You"

Factory and Office
**3 Mountain Grove Street
Bridgeport, Conn.**

A. V. BODINE, '15
Pres. & Treas.

to me the outstanding impression of the entire reunion is the way the committee welded the entire bunch into the same type of living organization we had while we were in college. In fact, everything went off so well and the whole reunion was imbued with such a fine spirit, I cannot let more time pass without writing to tell you."

Our wandering delegate, Leon Mart, who did a swell job rounding up recruits for the reunion last Spring, is still on the job, perhaps looking forward to the next reunion, for he wrote me as follows: "En route homeward from Cincinnati, I looked up Roy Sindell, and find that he is located at 117 West Court St., Cincinnati, selling electrical supplies and principally lamps." Sorry Roy that you weren't with us at our Silver Jubilee, but if Leon stays on your trail you'll surely be at the next reunion.

Just had a chat with Charlie Felleener, who by the way did not get here for our reunion as previously predicted in this column. Charlie was detained in Central America, and didn't get back to the States until July 20th, after having been there for a year and a half with the Laluz and Los Angeles Mining Co. He left again on Sept. 18th for the same mine at Puerto Cabezas, Nicaragua, Central America, to take charge of transportation and power development. By the way, Charlie says he religiously reads the BULLETIN each month and particularly, the 1913 news, and even promised to write me a short note sometime for publication in this column.

Here's one right off the griddle, recently clipped from the Danville, (Pa.) Morning News. The headline of which reads "Price silent on Senatorial Fight." Yep, that's our old friend "Judy" all right, as you will note from the following partial quotation: "E. F. 'Judy' Price, local business man and Republican County Chairman, yesterday refused to comment on a report that he is being considered by the Republicans of the 24th Senatorial District. Mr. Price yesterday would neither deny or confirm the fact that he is considering entering the race."

CLASS OF 1914 W. A. Schrempel, Correspondent Artificial Ice Co., Bethlehem, Pa. 25 YEAR RE-UNION—JUNE, 1939

1914-1939 means exactly twenty-five years out of College and we don't mean maybe. Let's get busy now. Shine up the old dome and give us your ideas on what should constitute a real party next June. We hope to announce in the November issue of the BULLETIN the personnel of the various committees. But don't let them do all the planning. You should be moved with a great urge to assist. 1914 has always been able to put on the best party of the year. We must repeat.

25 YEAR RE-UNION

Time after time you have been warned not to miss off-year Alumni Day activities. There is always something of interest occurring. This year was by no means an exception to the rule. Of all persons to turn up—there was Bob Mickel back from South Africa on his sabbatical and present at a Lehigh Alumni festival for the first time and exactly twenty-four years after faring forth from South Mountain into the great unknown. It was an intriguing time we had mulling over many things, listening to Bob's adventures while plucking gold from the bowels of the earth, told with a decided English accent—imagine Mickel with one of those. It shows the dangers of propinquity. Lots more could be related but outside of mentioning Bob's heavy yearnings for American ice cream—BULLETIN space limitations will permit no more. We must state however, that his new address is P. O. Box 1169, Johannesburg, South Africa. They took him out of a hole and stuck him in office in an executive engineering capacity.

JUNE 1939

But there were others present by the time Saturday blew around. George Flick appeared to greet the visiting firemen; Rosy Rosenbaum was spotted sometime during the afternoon; Billy Sterner, as good looking as ever, lent a smiling touch to our group; the meandering pair, Quast and Kavanaugh, appeared bigger and better than ever. We can't remember whether Sam was

chaperoning Kavey or vice versa. The former may have been others on deck but not having made notes at the proper time we crave pardon for any omissions.

CLASS OF 1915

A. V. Bodine, Correspondent
317 Mountain Grove St., Bridgeport, Conn.

As we start another year in our Alumni activities, your correspondent was quite encouraged to receive a letter from Jack Morris together with a clipping from the local press, and because Jack's letter was so interesting, we are printing it complete for the entire class.

"Dear Bodine:

Of course, I see in the BULLETIN, 'Let Bodine help you,' so strong man, I'm enclosing a little clipping for use if you need it for the Class news of the said BULLETIN, taken from the 1st issue of 'Coal Age,' which is correct, 'so help me!'

My residence will still be here, hence no change in address is contemplated for some time, as if the Gods will permit, Mrs. Morris and this 'fiftener' are taking a ride in a 'John Boat' to 'ferin lands' for about 8 weeks or '16 fortnights' shortly.

Where did 'Daisy' Higgins the Bollyacre get to?

Remember me to the boys if, when and as you see them, and especially Buck.

With best wishes and good luck to you, I am

Yours very sincerely,

JACK '15.
(JOHN T. MORRIS)"

Borderland Control Passes

J. T. Morris, president of the Borderland Collieries Co., Borderland, W. Va., has sold his interest in that company to Andrew F. and W. S. Leckie, Columbus, Ohio. He has also disposed of his holdings in the Leckmor Realty Co. to the same buyers. Mr. Morris has been interested in the Borderland Company for the last eleven years. Previous to that he had organized the Morris Smokeless Coal Co., Morco, W. Va., subsequently becoming vice-president and general

Announcing

The Hajoca Streamlined Oil Burner Hajoca Engineered Hajoca Constructed Hajoca Peak Top Quality

Never in Hajoca's history has its engineering staff designed and constructed so valuable an addition to its long line of worthy heating devices.

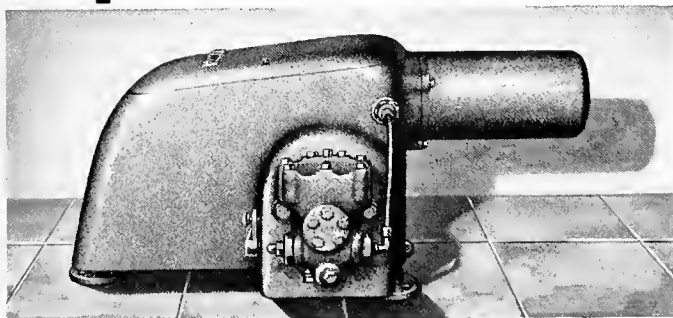
In every detail — quiet inside running parts to attractive outside appearance — the principles of modern streamlining have been effectively used.

As a result the Streamlined has proved superlative for QUIET LOW COST HEATING SERVICE.

Ruggedness and Stamina are assured by Hajoca Brass and Iron parts in the burner's construction. Balanced Design provides for life long operating smoothness.

Severe tests and long full load runs have indicated unequalled stability.

Wide range heating capacity — $\frac{3}{4}$ to $3\frac{1}{2}$ gallons per hour — provides especially economical service in the small house as well as extra efficiency for good sized ones.



The Hajoca Streamlined will supply the Comforts of Automatic Heat in your home. Have Your Heating Contractor install it for efficient, long-lived and economical service.

Hajoca Corporation

Plumbing, Heating and Industrial Supplies

1736 East Fourth Street

Bethlehem, Pa.

Branches Along Atlantic Seaboard

Do Your Factory Floors Present a Problem?

This Is the Answer!

Factory floors covered with thick accumulations of dry grease and rouge are very hazardous. The Kent Dry Scrubber is being used in some of the foremost industrial plants for the speedy and thorough removal of such accumulations.



We urge you to investigate the Kent Dry Scrubber, and also the Kent Suction Commercial Vacuum Cleaner for industrial cleaning.

THE KENT COMPANY, Inc.

167 Canal St., Rome, N. Y.

Gordon E. Kent '07 Bert M. Kent '04
President Vice President

LANGUAGES Made *Easy* By LINGUAPHONE

This amazing new Method enables you, in your own home, to speak and read any of 23 foreign languages in an incredibly short time. Endorsed by leading university professors and thousands of men and women as the quickest, simplest and most thorough language method. Send for catalogue and FREE Trial Offer.

LINGUAPHONE INSTITUTE

34 Rockefeller Center New York City

HEBRON ACADEMY

Thorough college preparation for boys at moderate cost. 75 Hebron Boys freshmen in college this year. Write for booklet and circulars. RALPH L. HUNT, Box G, Hebron, Me.

CLASS OF 1916

W. C. Hartman, Reunion Correspondent
41 East Wall St., Bethlehem, Pa.

Well! here comes the annual message from your Alumni Day detective. The four home boys, Paul Ganey, Morrie Stoudt, Jerry Thorp, and yours truly were on deck to see that everything went as per schedule. As usual, we were like the four points of the compass. We were not united, but we were all there and in touch with everything every minute. The Friday night brawl seemed to be very sober at the hotel, and while I did not get there for the dinner (because I had to go to a picnic—Saw Elmer Schmoll there.) I blew in at about 9:15 p. m., went up onto the balcony, saw a lot of beautiful ladies all dressed up listening very intently to Lehigh's premier radio speaker (you guess who).

Sort of felt that I had gotten into the wrong

place, and this was not a Lehigh Alumni meeting, but rather a serious meeting designed to settle world affairs. When I peeped over the shoulders of the beautifully gowned ladies I saw lots of men, all serious, all sober and listening intently, and had it not been for class numerals, badges, etc., I would never have imagined it to be the annual Alumni Dinner. Since I had no reserved seat and did not know any of the aforementioned beautifully gowned ladies, I deemed that my place was outside, or at least in the bar.

Accordingly, I repaired to the bar and found a few Lehigh men, and then the Alumni season opened. After patronizing the beautiful Hotel Bethlehem's bar, we repaired to the Bethlehem Club where Ganey and his home boys greeted us, lifted our dollar and encouraged us to eat numerous indigestible sandwiches, to be washed down with Valley Forge Special. It was here that I saw Morris Stoudt with a sandwich in one hand, a glass of beer in the other, and looking wisely and talking profusely to some other loyal Lehigh Alumnus. Not being satisfied with the Bethlehem Club, me and my cronies wandered to the Maennerchor and from there to several other long bars, and finally I wheeled my buggy home, put it in the garage and rolled into bed rather the worse for wear. So much for Friday.

Saturday morning was hot and a hard shower about noon stopped us from partaking of the free lunch which I usually look forward to, but we did manage to get over in time for the parade which lacked the snap and very few classes had extensive costumes. 1913 seemed to have the outstanding reunion, both from the standpoint of their pep and the number that returned, and I am told that the turnout this year was better than ever before, so I have hopes for our 25th. So anyhow, after I saw the parade, I wandered across the campus and there saw Jerry Thorp, and I knew our class was doing their stuff, and our class was on hand for all occasions.

CLASS OF 1917

C. W. Kingsley, Correspondent
25 East 83rd St., New York City

Another college year is just beginning. A few address changes have been called to my attention, proving that some of you at least are not so atrophied but that you can move around. Even the Lehigh Club of New York has sent out a call for a meeting of its directors, which means, I believe, that a fall get-together will soon take place.

Maybe Kyle is fighting in Spain or Knock-Em cutting lumber in the Northwest—Bergen County, N. J. Babe is possibly still wrestling with evil in Washington and Magee is trying to prove that aluminum is pure both in fact and in law.

If the afore-mentioned or anyone else will tell me what goes on, I'll pass it along.

CLASS OF 1918

A. E. Buchanan, Jr., Correspondent
Remington Arms Co., Bridgeport, Conn.

Well, the boys are still talking about the 20-year reunion and the boys over in the Bethlehem Club are still picking up the pieces. It was a swell party with a record-breaking turnout, and apparently everybody present was glad he came. In fact, a definite movement got underway before the reunion broke up to begin preparing for the 25th at once, in order that 1918 may then stage a reunion to end all reunions—an occasion of such splendor, so colossal and breath-taking, so stupendous and soul-stirring that no lesser class will ever hope to equal it in all the years to come. Accordingly, you may expect to receive the 25th Reunion BULLETIN from time to time, starting in the near future, when President Tim will appoint the committees to function from now until 1943. It seemed to be unanimously agreed in June that we should begin now building up a "kitty" that would permit the class to stage its 25th with a lavish hand and to eliminate class materialism from the planning. In fact, we may go so far as to call upon the R. F. C. to finance the whole works, including free champagne for everybody.

Sheldon Clarke was on deck for the reunion, looking as young and acting as vigorously as he did in 1918. Claims he hasn't jumped out of any balloons since 1918, but looks like he could whenever he felt like it. Sheldon has a new home too in Forest Hills, L. L., 6940 Continental Ave. Daytimes he's in the U. C. & C. Building at 42nd and Madison Ave., and has promised to buy my lunch for me whenever I stop in at an appropriate time. Am not authorized to extend

the invitation to the whole class, but am sure Clarke would welcome any other eighteenth who happens to pass that way.

Hugh Phillips is running the U. S. Steel Corp. now, being attached to the Finance Committee staff and presently located in Pittsburgh—address 230 Parkway Drive, Mt. Lebanon. He and Gordon Jones were both on deck for the reunion, making Bill Tizard's absence still more conspicuous because they were our three skyscrapers. Gordon, incidentally, is doing nicely, and had one of the best stocks of stories that anybody brought back to Bethlehem.

Leon Fritchman was back for the reunion and we were all distressed to learn of the terrible time he has been having with an infected leg which had him laid up for several months. Although it was giving him plenty of trouble at reunion time, he was full of the old fight and was expecting to get back on the job with the A. T. & T. very shortly. As you all know, his last assignment was in China, where he worked up to the vice presidency of the Telephone Company. He was uncertain as to where his next assignment might take him.

"Nuts" Bowman showed up as nutty as ever and started calling up all his old numbers as soon as he hit town. Never heard if any of them were still available, but gathered that Vernon had a pretty good time while in Bethlehem. He still lives in Williamsport—361 Woodland Ave.

As reported in July issue, Jack Knight, the super insurance man from Rochester, just about stole the show, although Senator Barthold held up his end nobly. Incidentally, I see by the papers that Bill is a candidate for judge in Northampton County—a job that he is almost certain to get.

These ramblings have taken up our quota of space so I will wind up the column by giving you the list of guest correspondents for ensuing issues this year. They, with the months they will conduct the column, are as follows:

November—Eddie Klotz
December—Whitely Lewis
January—Gordon Jones
February—Bob Creer
March—Joe Lawall
April—Ove Snyder
May—Bill Hogg

CLASS OF 1919

J. L. Rosenmiller, Correspondent
York Ice Machinery Corp., York, Pa.

Sept. 16, 1938.

This is to let you know that we are having a 20th reunion this June and that your committee has been working on the plans for same for many months. However, no party is worthwhile unless we can satisfy everyone, so please send in your ideas to Joe Rosenmiller, York Ice Machinery Corp., York, Pa.

During the winter and the remaining time before we get together it is hoped that most of you will have held a warm-up dinner together in or near the communities in which you live. Plans for these will come forward at a later date. There is no reason why we can't make a real bid for that reunion cup and if we should win, the contents for same are on me.

We all have someone that we have not seen for years and I know that you may want to see him this June; it is not too early to start the ball rolling so in your travels try to contact some stray member of the class and pin him down to a two way ticket to Bethlehem and the biggest party we ever had in June.

"BUCKIE."

Well, another summer is over, and I certainly hope that you all had a splendid vacation, and have stored up enough vim and vitality to ward off the rigors of the winter season.

Let's all start thinking now about going back next June for the 20th reunion, and make our plans accordingly. I recently had a letter from "Buckie Macdonald" regarding a party, and he thought that the old barn on the Maennerchor Farm would be an ideal place in which to hold it. I believe he plans to ask a man in each town to get the other class members together for a dinner, and in that way create interest and obtain suggestions.

We plan to continue with our Rotating Secretary idea again this year, and I'm asking "Buckie" to write the column for the November issue, at which time he will probably have a lot more to tell you regarding plans for the reunion.

Fred Hesselshwerdt was all set to develop

the column for last year's June-July issue, but learned at the last minute that our Class could not be given any space in that issue; so, I think Fred will welcome an opportunity to contribute to the December issue.

The following other members are being asked to serve for the months indicated, but if for any reason they are unable to do so, I would appreciate hearing from them at their earliest convenience.

Issue	Class	Member	Copy due
January	Otto H. Spillman		December 27
February	J. W. Gardiner, Jr.		January 26
March	C. F. Yard		February 27
April	R. W. Ludlow		April 3
May	G. H. Gildersleeve		May 6
June-July	Wm. B. Shirk		June 13

Copy may be sent direct to Bob Herrick at the Alumni Memorial Building, and from month to month, he will send the above members facts that come to his attention regarding classmates.

And here is some recent information concerning the whereabouts of various members . . .

Bob Rosenbaum is President of Mayaguez Tropical Products, Inc., Mayaguez, Puerto Rico, but now resides at 8105 Brookside Road, Elkins Park, Pa.

C. Glennon Melville is located at 638 Lafayette Street, Baton Rouge, La.

Chief Chemist of the Goodyear Tire and Rubber Company in Jackson, Mich., is Franklin B. Speakman—residence, 904 Brighton Road.

CLASS OF 1921

W. M. Hall, Jr., Correspondent
The Hall Grindstone Co., Constitution, Ohio

It is a sad occasion for me when I must report the death of a classmate of ours. Norman Henry Wasser died August 17th. This issue of the BULLETIN carries the account of his death that I sent to our Alumni Association. A letter of sympathy was sent to his father. Schrader and Billinger, in Bethlehem, also expressed sympathy for the Class of '21. Mike sent flowers and Bob, with Woodring, called at Mr. Wasser's home near Seidersville. His family is now all gone. Of our class, those who were chemical engineers and others so closely associated with "Fats," will feel the deepest sympathy. Many of those of other classes will remember "Fats" as the big jovial fellow with us at our last reunion and our outstanding heavyweight wrestler in college days.

As class agent and correspondent I have, perhaps, noted more carefully than you, the report in the June BULLETIN. You will be gratified to note: (1) No class prior to '21 had more than our 42 members paying dues; and only four had more than our 49 members paying for the LEHIGH ALUMNI BULLETIN. (2) Of the 64 classes (1870-1937) our Class of 1921 was above the average in giving to the Alumni Fund: 23% gave \$625. "Pretty 'darn' good — gang."

An incomplete list of these men follows:

J. H. Alden	A. J. Miller
J. M. Arthur	J. W. Morgan
D. E. Bayer	N. S. Merkle
R. D. Billinger	H. R. Pursel
A. J. Barthold	R. D. Raff
F. M. Christman	P. B. Newell
L. F. Christman	R. M. Rice
G. L. Childs	H. W. Riebe
E. W. Collins	M. J. Rathbone
P. Van A. Comey	G. J. Roche
E. Claxton	A. J. Saxe
B. Ettelman	P. Ritchie
J. R. Farrington	J. J. Shipherd
H. B. Dyer	M. F. Snyder
R. C. Good	M. C. Schrader
F. A. Hall	J. A. Tumbler
S. L. Flom	R. A. Uihlein
R. C. Hicks	C. H. Steiner
J. K. Huehner	P. F. Weiss
T. C. Henneberger	J. H. Widmyer
S. R. Kaufman	H. P. Walmsley
E. H. Kleckner	A. T. Wilson
W. T. Jehb	R. L. Wilson
H. R. Maddox	Bradford Willard
A. B. Maginnes	H. E. Yeide
H. G. Locke	A. B. Wolle

To these men whom I now find were readers of 'my' column last year: "Greetings and salutations" — hello! If your name is in the list you helped—in 1937-38—put '21 on the Lehigh Map; you were probably at our 15th Reunion and the others—if you could get there; you probably send Lehigh ten bucks or more each year—if

Paint Products That Endure

There is considerable chance that the finish on your Packard, Chrysler, DeSoto, Dodge, Plymouth, Hudson, Studebaker, or Graham-Paige, or your Electrolux or Norge refrigerator . . . your venetian blinds, your living room lamps, your Zenith radio or furniture, or your Oliver farm equipment was made by our Jones Dabney Industrial Division.

We may have a finish that will improve the products in which you are interested. Write any of us.

G. L. Ball, Jr.	'30	C. F. Miller	'35
H. P. Ball	'37	D. T. Nivin	'34
K. A. Earhart	'31	B. Rabin	'32
S. W. Farrell	'33	T. F. Reider	'37
T. K. Garihan	'36	A. E. Rheineck	'31
S. R. Goodrich	'35	W. C. Riedell	'37
C. M. Jackson	'33	L. K. Scott	'29
E. J. Klinger	'33	A. R. Smith	'35
H. S. Krauter	'37	G. A. Voehl	'36
J. S. Long	'13		

Devoe & Raynolds Company

1 West 47th Street

New York, N. Y.

CHARLES McGONIGLE, '01

OTHO POOLE

POOLE & McGONIGLE

Engineers and Manufacturers

STRUCTURAL STEEL FOR BRIDGES, BUILDINGS, Etc.

PORTLAND - - - OREGON

POOLE - DEAN COMPANY

Incorporated 1911

Steel Contractors

ERECTORS OF BRIDGES and BUILDINGS

PORTLAND - - - OREGON

OTHO POOLE

CHARLES McGONIGLE, '01

you have it—to cover your BULLETIN, dues, and contribution; you will be waiting to learn how bad we beat Penn State on October 15th; you still think that Lehigh is the greatest place on earth; but you *don't* write a letter to "the Gang" and tell them where you are, what you've been going this last year, all these years, about your work, play, family, hobbies, politics—and that classmate you saw, a while back, down in Punxsutawney.

CLASS OF 1922

J. K. Killmer, Correspondent
709 Highland Ave., Bethlehem, Pa.

Although we didn't "reune" in June, several of the boys were around for the festivities. Van

Nort was seen on the campus; Rhoads, Dave Green, Kian Tjong Be, and myself were guests of 1923 at their dinner at Sun Inn. It seems that Dave Green and I are always hunting a free meal.

Kian Tjong Be, better known to you fellows as C. C. Maa, was on an extended visit to the States with his wife, a very striking girl from Java. C. C. is the owner of a perfume and candy business in Semarang, Java. He has three sons, two of whom he left in Holland to attend school—the other, a four year old boy, was placed in a nursery school while C. C. and his wife visited in the States. This was C. C.'s first visit to Lehigh since graduation. Mrs. Be

All For Lehigh!

The officers of Weston Dodson & Co., Inc., of Bethlehem, are Lehigh University graduates almost to a man. There's every reason why you should ask your coal dealer for anthracite coal from Weston Dodson. No better fuel comes out of the anthracite region.

White Bros. Smelting Corp.

Producers of

Certificate Metals

Purchasers of

COPPER SCRAP, BRASS SCRAP, RESIDUES

Bridesburg-on-the-Delaware

PHILADELPHIA, PA.

Clarence B. White, '05, President

is an excellent linguist, speaking Dutch, German, French, Chinese, and English, fluently. Her knowledge of English has been taught her by her husband.

Art Herman dropped in to see me, but unfortunately I was out of town. Art is connected with the Sales department of Crucible Steel Company of America at Pittsburgh. His present address is 254 Castle Shannon Rd., Pittsburgh, Pa.

Looking over the personal column in the Reading Eagle, I noticed the following: "Mr. and Mrs. John Walter Moorehouse of Philadelphia are vacationing with Mr. and Mrs. E. Paul Gangware, 1417 Linden Street, Reading, Pa."

I received a very nice letter from Ed Cahn early in the summer, asking me, among other things, to sell an airplane for him. I suppose the 1936 Gull Wing Stinson for sale is too small for Ed. There's a commission in this deal—so, if any of you have leads, drop a line to Ed at Mayfair Lane, Greenwich, Conn. Ed has two children—a daughter, Mary Jane, aged seven, and a son, Edgar Jr., aged four and one-half.

CLASS OF 1923

Irving Reiter, Correspondent
2251 Liberty St., Allentown, Pa.

1923 had a very successful reunion and one long to be remembered. There were 82 brothers of the "Recession" present and those absent had both good and sundry reasons.

Our class election was carried on without any "purging" and resulted in a more flexible organization to carry on the good work of our past officers. The new officers follow:

President, George Desh

Vice-President, Jim Kennedy

Secretary, Joe Groff

Treasurer, Frank Leister

Sergeant-at-Arms, Mike McFadden

Class Agent, Ed Snyder

Class Correspondent, Irv Reiter

Assistant Class Agents: New York, Clif Bradley; Philadelphia, Johnny Opdyke; New Jersey, Don Quick; Washington, D. C., D. Wight; Middle West, Charles Wire, and Far West, Steve Bessemer.

We learn that Henry Dawson, Jr. is Assistant Postmaster at Rockville, Md., and hope he helps to pull the Postal Department out of the red.

Received a swell picture of Ed. VanKeuren, Jr.; with sons like this coming along Lehigh should be well enrolled by the time our hair is gray or gone altogether.

John A. Thomas is Assistant Manager, Industrial Relations, Universal Atlas Cement Co., 208 LaSalle St., Chicago. Well this is a job to be proud of. The old slide rule does not settle these problems. Thanks to Mrs. Thomas for this information. I think we shall have to form a Women's Auxiliary of 1923 if we really are to be kept informed.

CLASS OF 1925

LOST!!

The Class Correspondent for 1925!



Does anyone know the whereabouts of this man?

He is thought to be a beachcomer in the neigh-

borhood of Port Jefferson, Long Island. Was allegedly seen recently in Liverpool, London and Havre, more recently in Hoboken, and on the lower East Side.

Respectfully submitted to the BULLETIN by S. P. Senior, Jr., in lieu of class notes.

CLASS OF 1927

Continuance of Harry Martindale's questionnaire

H. O. Nutting, Jr., Correspondent
20 S. Third St., Lebanon, Pa.

Due to the limited space allotted by the BULLETIN this column will continue to publish the comments sent in to Harry Martindale's questionnaire of last spring; although somewhat stale—it's good material and worth passing on.

Ed Kost seems to have all the local Bethlehem '27 boys under control. He says that the Bethlehem gang is always eager for an excuse to get out evenings and asks that anyone passing through town call him up so he can round up the bunch to drink a few beers.

Kelly Bowler is working for Leeds and Northrup Co., Philadelphia and says he has enough faith in the business upturn to start building a house. Kelly says he hopes it is well founded.

Alfalfa Bill is the new name for Walter E. Schrader who writes that he is working for a contracting firm which is being converted to large scale alfalfa farming.

Reg Pitts is the father of a son, born April 20th.

Bill Feuerbach asks what I also would like to know—how are "Deke" Bester and "Herk" Frey. Bill says he has been married almost a year.

Frank Jedlicka sent me an order for liquor, having heard of a cut rate store in my home town (Bloomfield, N. J.) that sells it cheap. I had to return the order because I don't get around much and couldn't find the place he referred to. Frank is married—has a girl and boy and is a power sales engineer for the Pennsylvania Power and Light Co. He is getting stouter, his hair is receding and he collects old U. S. coins. (Maybe some day he will be postmaster general.)

John Kelly who only spent one year with us at Lehigh writes he is still as far as ever from that first million. He recently had lunch with Charley Bridewell, '27.

Ed (Ossie) Oswald is living right in the heart of New York City and is an engineer with the Socony Paint Products Co., a Socony Vacuum subsidiary.

Blaine McCarthy has been with the McCrory Stores in New York City for some time.

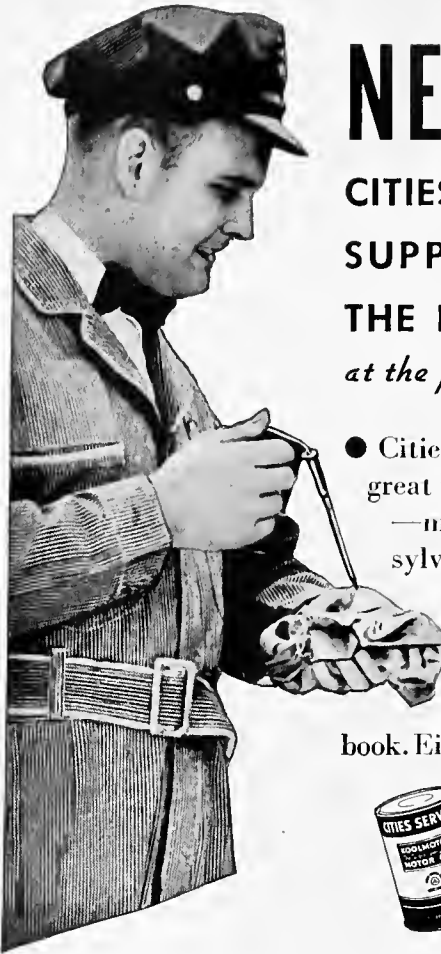
Tom Wood of Nutley, N. J., says that after attending the reunion last year he is wondering if the rumor that Ed Kost supports four breweries is not a gross understatement of fact. Tom says his health is fair—he doesn't mind the arthritis, lumbago and liver complaint so much but those hot and cold flashes are just wearing him down.

Speaking of flashes, George Furnival writes he is waiting for life to begin at 40. While he is waiting he is busy trying to keep his waistline down and get under 100 in golf. His home is in Haverford, Pa.

CLASS OF 1929

J. M. Blackmar, Correspondent
New Vernon Road, Green Village, N. J.

Last year instead of being a one-man performance, our class column numbered among its contributors such seasoned writers as Bill Adams, Red Crewe, Jack Kirkpatrick, Lee Trantum and Gus Wiener. Moreover, it had been planned to have Tom Brennan write the class letter for the final issue. Like all the aforementioned loyal and true men of '29, Tommy came through when called upon by your so-called correspondent, but the BULLETIN editor, following a hard and fast rule, refused to grant '29 space in the June issue because this particular issue is annually reserved for reunion classes to recount their historical happenings. So next year we cannot be denied; for in 1939 when New York boasts its Fair and attracts hundreds of thousands of visitors, Lehigh looks forward to the return of its men of '29 from every nook and cranny of the Nation to set a new high for subsequent classes to emulate when planning their own Tenth Reunion.



NEED OIL?

**CITIES SERVICE CAN
SUPPLY YOU WITH
THE RIGHT GRADE—
at the price you want to pay**

● Cities Service offers you two great motor oils... Koolmotor—made from 100% Pennsylvania crude—and Cities Service—refined from choice Mid-Continent crudes. Choose the one that fits your pocket-book. Either will suit your motor!



**TWO
GREAT
OILS**



Duquesne Slag Products Co.

**BLAST FURNACE SLAG
CRUSHED, SCREENED AND SIZED FOR ALL PURPOSES**

**BITUMINOUS CONCRETE
PAVING MIXTURE**

Plants at

PITTSBURGH, PA.

DUQUESNE, PA.

POTTSTOWN, PA.

BIRDSBORO, PA.

TOPTON, PA.

Main Office

Diamond Bank Bldg., Pittsburgh, Pa.

Eastern Sales Office

425 Commercial Trust Bldg., Philadelphia, Pa.

With the Company

C. L. MCKENZIE, '93

C. C. BURGESS, '95

J. R. PERRY, '26

C. C. BURGESS, JR., '32



ALLOY STEELS

Free machining qualities, uniform analysis, excellent physical properties . . . these qualities make HY-TEN and ECONOMO Steels a more economical . . . more efficient material for your special steel parts.
STANDARD S.A.E. STEELS IN STOCK



Write for free copy of Steel User's Data Sheets, containing valuable information on the use and treatment of special steels.

A. Oram Fulton, '08, Pres.
Richard M. Powers, '31

Wheelock, Lovejoy & Co., Inc.

130 SIDNEY ST., CAMBRIDGE, MASS.
Cleveland Chicago Newark
Detroit Buffalo

The Flintkote Co.

Industrial Asphalts Division
50 W. 50th St., New York

Steel and Concrete
Protection

Waterproofing
Industrial Flooring
Asphalt Specialties

Write for free copies of "An Introduction to Industrial Asphalt Products" and "Industrial Asphalt Products for Maintenance."

STEPHEN PALISKA, '26

Last June Brennan wrote the following lines which seem apropos in view of coming events:

With reportorial wits keenly alert and pencils newly sharpened your guest correspondent arrived in Bethlehem—Reunion Friday night—at full attention. Succumbing as ever to the contagious alumni (the rascals) comradeship and congeniality, words bubbled and flowed endlessly in our best effort to capture and convey to you the merry madcap scene (or have you been there before?)

All of which made us realize that our own Tenth is now rapidly approaching. It is high time each of us started making arrangements to participate. Bucky Macdonald, '19, made some scathing, deprecatory remark about how their Twentieth was planned along such gala lines that our Tenth would be lost in the brilliancy of their glory. Alumni office censorship prohibits repeating the reply but you will be right on the first guess. The Committee appointed by Red Crewe has already taken steps toward making reservations for the Banquet next June.

So you can see the '29 Council is already in high gear. As early as last June, President Crewe telephoned me from Sparrows Point to urge that Tom, Kirk, Dewey and I start at once making plans for June 9 to 11, 1939, and so we four returned to Bethlehem as Tom has stated. This summer Kirk and I made another trip to Yc Olde College Towne and scouted around and assembled a mass of statistics and information which were presented to the committee of four at its first meeting in New York recently. This group contemplates frequent sessions from now until our Tenth is history. So keep your ears to the ground and make your own plans well in advance so that you are sure to be with the crowd on the campus next Alumni Day.

Reunion ideas are at a premium and will be welcomed by your committee. For your convenience, I am including the present mailing addresses of the class permanent executive council:

John M. Blackmar, noted above.
Thomas M. Brennan, 14 W. 49th St., New York City.
Leonard C. Crewe, Jr., 904 E St., Sparrows Point, Md.
John I. Kirkpatrick, 9224 Woodhaven Blvd., Woodhaven, N. Y.
Arthur Lehr, University Club, 420 Summit Ave., St. Paul, Minn.
Eugene C. Quinlan, 39 Woods Lane, Scarsdale, N. Y.
Leland D. Trantum, 384 E. 17th St., Brooklyn, N. Y.

CLASS OF 1930

J. K. Conneen, Guest Correspondent
Bethlehem Steel Co., Bethlehem, Pa.

With our tenth reunion only twenty months away, we plan to set up our organization and plans this fall. Although this tenth milestone may still seem a long way off to many of our members, the time is none too long to properly plan and organize the successful reunion we are going to have.

Attendance is our first consideration in planning the greatest "tenth" any class has ever had. One great deterrent to attendance for a class of our present age is scraping up the bucks to go at the last minute. There are always so many other things to do with those bucks! If we can raise a fair share of the wherewithal in advance, as guarantee of attendance, we can be assured of a larger crowd and definitely plan a better time.

Our idea is to start this plot at an early date by having volunteer committeemen extract from all possible members a sum which will apply against the reunion fee. Setting up such a reunion fund will be a great help to our reunion committee and ease the burden of payment for all.

We need a cosmopolitan array of committeemen. We urge volunteers to signify their willingness by dropping the writer a card at once.

We shall hold a meeting before or after one of the October home games, preferably the State game. Committeemen will be advised of the time and place at an early date. We ask that those who volunteered in June please confirm by card to the writer. Everyone will have a great deal to accomplish, so let's start early.

Since we haven't said a word here about who's doing what and living where, Eli Whitney may never ask us to write again.

Bud Hill is such a proud father he apparently hasn't the time to call on us on business or pleasure.

Bob Bennett is a finalist in the Saucon Valley Country Club Golf Championship.

We occasionally see John Sommerville, Charlie Traeger and Ted Olmstead.

With your patient indulgence—a few more words on reunion. Please don't hesitate to volunteer as committeemen. It may take half the class to sell the idea of having the whole class back. Let's have a large turnout for Homecoming Day at the State game, October 15th!

CLASS OF 1931

A. W. Thornton, Jr., Correspondent
1405 Union Ave., McKeesport, Pa.

Harry Andrews has moved from Ridley Park to 317 N. Chester Road, Swarthmore, Pa.

Al Baur is Manager of the Municipal Bond Dept. of the Manufacturers Trust Co. at 55 Broad St., New York City. His residence is 2201 Haviland Ave., Bronx.

Jim Boyd is working with The Texas Co. as Chemist. He is living at 911 Spottswood Ave., Norfolk, Va.

Bob Braun is Departmental Head (Production and Research) of the Jacques Wolf & Co. His home is now 99-101 Gregory Ave., Passaic, N. J.

Carl Claus is still working for the Babcock & Wilcox Co., but has been recently transferred from Bayonne, N. J. to 2338 Kings Way, Augusta, Ga.

Bill Clegg is the Marine Special Agent—Automobile Insurance Co., at 151 Farmington Ave., Hartford, Conn.

Chick Eldred is working with the Charles H. Eldred & Co., Inc., 9 Scott St., Bainbridge, N. Y.

Al Eisenstaedt is a partner in the A. L. Eisenstaedt Co., at 404 Fourth Ave., New York City.

Sam Fuller is the Program Producer for the Crosley Radio, W.L.W., Cincinnati, Ohio. His home address is 560 Terrace Ave., Cincinnati.

Frank Jones has moved from St. Clare, W. Va. to Pittsburgh where he is working for the U. S. Bureau of Mines at 4800 Forbes Street.

Henry Langhaar is a graduate student at Lehigh. His home is Budd Lake Road, Hacketts-town, N. J.

Tom Lewis is Foreman at the American Can Co. of Brooklyn, N. Y. His residence is 10 Monroe Street, Apt. KA-8, New York City.

Carleton Lord has moved from Akron, Ohio to 1019 69th Ave., Oak Lane, Philadelphia.

James MacDonald is working in the Sales Office of the Douglas Aircraft Co., at Santa Monica, Calif.

CLASS OF 1932

C. F. Schier, Jr., Correspondent
719 Craft Ave., Meadville, Pa.

This column marks the beginning of the seventh year of the publication of the personal notes of the Class of 1932. It would be a real pleasure to your columnist to begin by running three or four newsy letters from members of the Class but since a letter from a classmate is a rare thing you will find the following to be just the usual run of Personals passed on to me by Miss Radman of the BULLETIN Office.

To those of you who tuned out Charlie McCarthy one Sunday night early in September and tuned in The Mercury Theatre on the Air's production of Julius Caesar, I wonder if you recall the name of the actor who played the important role of Cassius? It was none other than Martin Gabel of '32 who during his freshman and sophomore years on the campus on South Mountain had such a yearning for a dramatic career that he dropped out of school in 1930 to try his luck in the theatre. Marty apparently has won out and we wish him continued success in his fine radio dramatizations.

A note from Dick Zinszer is to the effect that he was married on January 9, 1938 to a Miss Hall of Hays, Kansas who is the daughter of a cattle rancher near Hays. Congratulations and best wishes to you and your wife, Dick. The Zinszers are living at 950 Fries St., Wilmington, California and Dick is working for the Union Oil Co. of California in Los Angeles as a Junior Production Engineer.

Randy Zonge is a metallurgist for the Aviation Mfg. Corp. of Williamsport, Pa., which brings to mind that Tom French has had such success with his Airline Catering business at the Newark airport that he has incorporated his business under his own name and is President of his organization. How about a letter telling us how your organization functions Tom, it should be plenty interesting.

Al Hoyt has been sent to Cuba by the U. S. Rubber Co. and his address there is Apartado 2582, Havana, Cuba. Bob Dakin is a partner in the Eynin Dakin Co. (What line of business, Bob?) 6432 Cass Ave., Detroit, Mich. His home address is 260 E. Ferry St., Detroit. Harry Mears is another of our rising young executives and is Vice-President and General Manager of the Standard Steel & Wire Co. of Bolivar, Pa. Harry is living at 119 E. Vincent St. in Ligonier, Pa.

CLASS OF 1933

R. L. Davis, Correspondent

570 Lexington Ave., New York City

Hello Class of '33! Recalling the "Hello" rule in force during our Freshman year I am taking the liberty of using it here to introduce myself as your new corresponding secretary recently elected by the class. Guess your correspondent is no Anti-New Dealer for he noticed no purging activities. Thank you for your support. You can be assured that I will do everything possible to make this a lively and interesting communique.

Your correspondent recently visited Bill Warren in Westfield, Mass., and now finds that he is the proud father of a handsome bouncing baby daughter, Margaret. "Fast" Fuller nee Charles of track and field fame, as you may have heard, is now married to his old sweetheart of houseparty fame and living at 109 East 4th St., Mount Vernon, N. Y. Also had luncheon with Dick Lodge about two months ago and learned that he is with Ingersoll-Rand in New York City, and is also the father of a baby daughter. Vic (let me tell you a story) Hertslet recently placed an order for Tiffany "ice" and it is reported will soon march up the aisle with a charming girl named Norma. Dave Shipley is living in Leonia, N. J., married two years and is associated with U. S. Tobacco Co. It is reported that "Fancy" Phil Rorty is making a strenuous effort to complete law school and in addition is vigorously acting as the head of a small family. You may have heard that Walt French has married May Slaughter of Ted Blood restaurant fame. The next time we see Walt we expect he will be a member of the House of Davis Basketball Team (he tells us he has recently started treatments for baldness). "Bouncing" Bunny Kollyer of lacrosse fame is now with Singer Sewing Machine Co., located in Albany, N. Y.

CLASS OF 1934

R. F. Herrick, Correspondent

Lehigh University, Bethlehem, Pa.

A little over three years ago a not-too-modest gang of '34's paraded over the campus in diapers through a driving rainstorm and ended the day with a grand time at the Maennerchor.

In about eight months we'll do it again. Not in diapers, of course, but in costumes that will attract just as much attention. And the reunion will be even more of a killer-diller.

A bit early to worry about it? Not at all. In three years, I've noticed that the classes that begin early have the best reunions. Why not adopt the by-word "see you in June" to every '34 man you contact. It will pay us all big dividends in a good time.

Had dinner with Bud Hammer and Bill Bolton just this past June and aside from laughing myself into a charley-horse, got a lot of good ideas from them. And they are a couple of great rooters for class spirit. For one thing, they put the finger on me for not using this vantage point more for the class. So, until the desk gets piled too high, I'll go to bat again.

Let's begin with "Mac" McConnell who led the band in our senior year. I've been woefully negligent in bringing you birds up to date on him. Last summer he married a grand little girl in his home town (Youngstown, O.) and transferred his allegiance from Youngstown Sheet & Tube to the Carnegie-Illinois Co. Independent reports show he's progressing fast and may return to the Pittsburgh area in the near future.

Then there's "Tiny" Wolcott, who's been absent from these pages for a long time. The big boy has just gotten his M.D. from the College of Physicians and Surgeons of Columbia and is now a resident physician at the New Jersey State Hospital in Marlboro. After January 1 he will be an interne at Bellevue Hospital in New York. By the way, Vic Mayer is "interning" here at St. Luke's in Bethlehem. He got his M.D. from Jefferson this spring.

And Johnny Kight is shaking the rice out of his pockets after visiting the altar with Mary McAttee on July 23. The Kights are now living at 5701 Stanton Ave. in Pittsburgh. Congratulations again Johnny!

Which is enough for October. But if you've got any reunion ideas write to Ben Bishop at the commercial research department of the Bethlehem Steel Company here in town, and meanwhile drop into the alumni office for a session when you're in town. I'll be looking for you.

TO HAVE AND TO HOLD

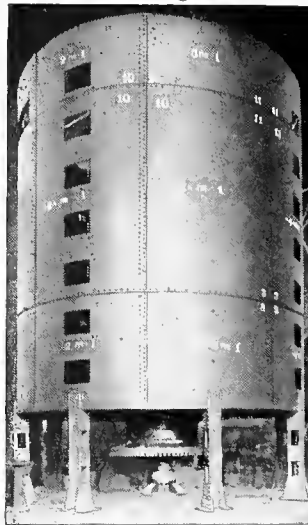
IT'S only human to want to own things . . . and just as human to want to *keep* them. But as you acquire material possessions . . . a home, furnishings, business, automobile, jewelry, furs, etc . . . you are constantly faced with the possibility of losing them by fire, explosion, embezzlement, accident and other hazards. The logical solution is insurance . . . there is a policy available against practically every hazard that threatens your financial welfare. Consult the North America Agent in your vicinity.



Insurance Company of North America

PHILADELPHIA

*and its affiliated companies
write practically every form of insurance except life*



BETHLEHEM

"WEDGE" ROASTERS

—have found a highly useful place in many process pictures, turning hitherto worthless residues into profitable by-products.

For instance, the Bethlehem Roaster shown at the left (photographed during erection) amortized itself in ten months on the job.

Whatever your manufacturing process and waste problem—benefit from the specialized engineering skill that Bethlehem offers.

BETHLEHEM FOUNDRY & MACHINE CO.

BETHLEHEM, PA.

Brown - Borhek Company

BETHLEHEM, PA.

LUMBER

MILLWORK

GENERAL ELECTRIC AIR CONDITIONING

PHONE 3700

CLASS OF 1935

L. P. Struble, Jr., Correspondent
7302 Church Ave., Ben Avon, Pa.

The task of writing this column has proven so great in the past that the editor has decided it necessary to take on extra help. This will be the last time the column is written by a bachelor. The new assistant is at the present time known as Margaret Cupitt of Westfield, N. J., but after October 1 will be Mrs. Struble, Jr., of Ben Avon, Pa.

October 1 seems to be destined as a big day for several other members of '35. On that date Henry Edgar Lore will marry Mary Ottillie Henmann in Sewickley, Pa. The couple will live on Chestnut St., Sewickley, Pa.

Ed Lore passed on the information that Carl Dietz is also planning to leave the ranks of bachelorhood on October 1. He marries Janice Wilson of New Brunswick at New Brunswick.

Before leaving the subject of matrimony, we had better review a letter sent in by George Grogan. He informs us that Dan Ivins married Mary Warner of Trenton, N. J. in the chapel at Valley Forge, Pa., on Saturday, August 20, 1938.

George is working for the Pennsylvania Salt Manufacturing Company, 1000 Widener Building, Philadelphia, Pa. He says he is living in Swarthmore with Bob Wall, '33, and Chas. Bowden, '36 and also a Lafayette graduate. Says they have been able to handle the latter.

Bud Brown called the editor up this afternoon and after trying to sell a few staybolts finally settled down and gave a few news items. He reported that Dick Wilson left the smoke of Pittsburgh again, as he has been transferred by Westinghouse to Washington, D. C. Bud also said that Ralph Layman has been working for the American Cyanamid Company in Bridgeville (near Pittsburgh), Pa., but the company has just transferred him to Stamford, Conn.

CLASS OF 1937

R. C. Werden, Correspondent
York Ice Machinery Co., 515 Cathedral St.,
Baltimore, Md.

In order to meet the closing date of the October issue for the BULLETIN, this first article will have to be short and snappy. The writer had originally hoped that Stoker Walton "Open Hurth" man for Bethlehem Steel's Lackawanna plant, would be able to be your guest correspondent, but the writer was so busy he could never get to Joe the necessary information to prepare the article.

We note from the BULLETIN's tracers that Fred Hendrickson is now an engineer for the Columbia Broadcasting System, 485 Madison Ave., New York City.

"Whattaman" Hutchinson, that "corking good fellow from Armstrong Cork Co., has been transferred to the Armstrong Cork Co., 24th St. and Allegheny River, Pittsburgh, Pa., c/o Production Training Dept.

Dick Parish can be reached at 1244 N. Cherry Ave., Tucson, Ariz.

Miles Harrison's title is Sales Supervision, and he can be reached c/o John P. Harris, Well Engineers and Contractors, Port Chester, N. Y. Art Curren is now salesman with Ingersoll-Rand Co. at 285 Columbus Ave., Boston, Mass.

SPECIAL ANNOUNCEMENT: Mark Wolcott received a senatorial scholarship from W. G. Barthold to the University of Pennsylvania to complete his medical training.

I will be darned if I let Marky operate on me. Ralph Skedgell is now with Radio Production with Young & Rubicam, Inc., 285 Madison Ave., New York City.

The writer promises you that Walton will do a better job of this for your next month's issue of the BULLETIN, and we all plan to get together for a BIG TIME for the Lehigh-Lafayette game.

DIRECTORY OF LEHIGH ALUMNI CLUBS

Bethlehem (Home Club) P. J. Ganey, '16, (P); L. J. Bray, '23, (S), 1920 Kenmore Ave.

Boston, A. D. Bach, '17, (P); H. Lewin, '26, (S), 17 Pleasant St., Malden, Mass.

Central New York, Gordon Kent, '07, (S), The Kent Co., Rome, N. Y.

Central Penna., E. D. Schwartz, '23, (P); H. C. Towle, Jr., '28, (S), 3739 Jonestown Rd., Progress, Penna.

Central Jersey, J. H. Pennington, '07, (P); C. W. Banks, '32, (S), 329 Westmoreland Ave., Trenton, N. J.

Chicago, E. J. Burnell, '12, (P); C. M. Denise, Jr., '35, (S), 606 Sheridan Rd., Evanston, Ill.

China, T. C. Yen, '01, (P), 16614 Avenue Duvail, Shanghai, China.

Cincinnati, L. T. Rainey, '09, (P); W. S. Major, '24, (S), 1112 Chamber of Commerce Bldg.

Delaware, W. M. Matten, '25, (P); G. H. Cross, Jr., '30, (S), 2211 Boulevard, Wilmington, Del.

Detroit, G. N. Sieger, '12, (P); R. J. Purdy, '28, (S), S. S. Kresge Co., 2727 2nd Blvd.

Louisville, Ernest Klinger, '33, (P); C. M. Jackson, '33, (S), 111 W. Burnett St.

Maryland, F. C. Wrightson, Jr., '06, (P); W. E. Miller, Jr., '30, (S), 211 Hawthorne Rd., Roland Park, Baltimore, Md.

New York, G. R. Macdonald, '19, (P); Wm. McKinley, '19, (S), 414 E. 52nd St.

Northeast Penna., John A. Lloyd, '33, (P); W. P. Lesser, '05, (S), Clarks Green, Lackawanna Co., Pa.

Northern New Jersey, H. F. Casselman, '32, (P); A. H. Lunix, '35, (S), 917 National Newark Bldg., 744 Broad St., Newark, N. J.

Northern Calif., R. H. Tucker, '79, (P); A. F. Barnard, Jr., '32, (S), 3125 College Ave., Berkeley, Calif.

Northern, N. Y., J. C. Ryan, '01, (P); Nelson Cox, (S), 1002 Eastern Ave., Schenectady, N.Y.

Northern Ohio, A. H. Bates, '30, (P); F. F. Schuhle, '26, (S), 853 Selwyn Rd., Cleveland, Ohio

Philadelphia, R. D. Warriner, '24, (P); Moriz Bernstein, '36, (S), 853 Selwyn Rd., Cleveland, Bernstein, '36, (S), 2130 Estauigh St.

Pittsburgh, J. M. Latimer, '18, (P); E. Stotz, Jr., '20, (S); 801 Bessemer Bldg.

Pottstown, W. R. Bunting, '07, (S), 349 Highland Rd.

Southern Anthracite, H. R. Randall, '23, (P), Rhoads Contracting Co., Ashland, Pa.

Southern New England, C. H. Veeder, '86, (P); J. W. Thurston, '36, (S), 168 N. Quaker Lane, Hartford, Conn.

Southeast Penna., O. V. Greene, '22, (P); George Potts, '23, (S), 536 Court St., Reading, Pa.

Southern Calif., Robert Campbell, '18, (P); A. D. Shonk, '27, (S), 1007 Cumberland Rd., Glendale, Calif.

Washington, D. C., T. V. Ganey, Jr., '23, (P); R. L. O'Brien, Jr., '33, (S), 1431 Manchester Lane.

Western New York, W. L. Lownie, '32, (P); J. L. Walton, '37, (S), c/o Carl Norbeck, Columbia Road, R. F. D. 3, Hamburg, N. Y.

York, Pa., B. T. Root, '06, (P); F. S. Eyster, '33, (S), 155 W. Springettsburg Ave.

Youngstown, O., A. P. Steckel, '09, (P); J. A. Waterman, '30, (S), P. O. Box 185, Poland, O.

PROFESSIONAL CARDS

State Mutual Life Assurance Company
of Worcester, Mass.

Ine. 1-84

Presented by

ARTHUR H. LOUX, '35

744 Broad Street

Newark, N. J.

Market 3-2717

20 Branford Place Newark, N. J.

Mitchell 2-2776

GREEN & GREEN

Counsellors at Law

David Green, '22

Cleveland, Ohio Union Trust Bldg.

KWIS, HUDSON & KENT

PATENT LAWYERS

B. M. Kent, '04

PIERCE MANAGEMENT

Engineering Consultants and Mine Managers

Anthracite — COAL — Bituminous

A successful background in the practical solution of difficult engineering and management problems.

J. H. Pierce, '10

Scranton Electric Bldg., Scranton, Pa.

ROCKWELL & BARTHOLOW

PATENT LAWYERS

Henry E. Rockwell, '06

205 Church Street
New Haven, Conn.

Washington, D. C., 815-15th St., N. W.

WATSON, COIT, MORSE &
GRINDLE

Attorneys at Law and
Counselors in Patent Causes

Robert C. Watson, '13

ALEXANDER POTTER, '90

Consulting Engineer

Hydraulics, Sanitation, Concrete Structures

50 Church St.,

Telephone

New York City

Cortlandt 7-3195 6-7

New York City 51 East 42nd St.

VISSCHER & BURLEY

Architects

J. L. Burley, '94

Rezin Davis

Svend B. Sommer

Washington Loan & Trust Bldg., Washington, D.C.
National 1100

BALDWIN & WIGHT

Attorneys

Patents, Trade-Marks, and Copyrights
Donald M. Wight, '23

JOSIAH P. BALLINGER, '15

GENERAL INSURANCE

55 JOHN ST., NEW YORK CITY, BE 3-9400
60 PARK PL., NEWARK, N. J., MI 2-0700
678 UNION AVE., ELIZABETH, N. J., EL 2-2046
AGENT THE TRAVELERS INS. CO.

HARTFORD, CONN.

Cortland 7-10-0,

Cable. EQUIPPER-NY



TO HER

Steel IS ONLY A NAME FOR METAL

... she doesn't even give it a thought—yet everything she does—everything she eats—and wears—and uses, depends in some way on steel—much of it alloy steel—much of it produced in Republic mills. She has a stainless steel sink—stainless steel utensils and tableware. Her stove, refrigerator, washing machine, vacuum sweeper, telephone, radio—all employ steel. The motor car in which her children ride to school couldn't have been built ten years ago, because many of the new alloys that make it so much lighter, stronger,

faster, better, were not produced a decade ago.

Steel holds a place of tremendous importance in the lives of all of us. Republic has been a leader in the development of the newer, better alloy steels—and is today, their largest producer.

Steel today is *much more* than a name for metal. It is the key to better products and greater profits. Republic representatives know steel—and what can be done with it. They are well qualified to discuss it with you in the light of your particular production, sales, and merchandising problems.

REPUBLIC STEEL CORPORATION

REPUBLIC BUILDING, CLEVELAND, OHIO • DISTRICT SALES OFFICES IN ALL PRINCIPAL CITIES



Republic is the world's largest producer of alloy steels and one of the three largest manufacturers of iron and steel products in this country. Republic and its subsidiaries own 40 plants in 27 different cities—and iron and coal properties in 6 states.



Steel for Every Purpose